Med Dent
WO 5
T87
32
26
Mar
70

The Veterinary Record

Founded by WILLIAM HUNTING, F.R.C.V.S., in 1888

The JOURNAL of the BRITISH VETERINARY ASSOCIATION

VOLUME 86

January to June 1970

THE UNIVERSITY OF MICHIGAN *
JAN 12 1971
MEDICAL LIBRARY

THE BRITISH VETERINARY ASSOCIATION
7 Mansfield Street, Portland Place, London, W.1

Concordance of Pages with Issues

The following table gives a key to the dates of issue and page numbers of the 1970 volume of THE VETERINARY RECORD up to the end of June.

Pages	Date	No.
1-24	Jan. 3	1
25-56	„ 10	2
57-88	„ 17	3
89-114	„ 24	4
115-146	„ 31	5
147-182	Feb. 7	6
183-214	„ 14	7
215-240	„ 21	8
241-272	„ 28	9
273-300	Mar. 7	10
301-330	„ 14	11
331-358	„ 21	12
359-386	„ 28	13
387-416	Apr 4	14
417-452	„ 11	15
453-482	„ 18	16
483-522	„ 25	17
523-550	May 2	18
551-582	„ 9	19
583-608	„ 16	20
609-644	„ 23	21
645-676	„ 30	22
677-708	June 6	23
709-734	„ 13	24
735-762	„ 20	25
763-794	„ 27	26

Names and authors are printed in capitals. Entries for Abstracts, Correspondence, Digests, Parliamentary Questions and Reviews are indicated by the use of the symbols (A), (C), (D), (P) and (R) respectively.

INDEX TO VOLUME 86, 1970

Names and authors are printed in capitals. Entries for Abstracts, Correspondence, Digests, Parliamentary Questions and Reviews are indicated by the use of the use symbols (A), (C), (D), (P) and (R) respectively

A

A.H.D./B.V.A./N.A.A.S. Co-operation, 21 (C)
Abnormalities of the uterus, congenital, 44 (C)
Abomasal displacement, 371
— ulceration, 531
Abortion, 537, 650
— in cows and milk infection, 172 (P)
Acetylpromazine, 192
Addresses of disease infected premises, 21, 52, 83, 175, 211, 326, 355, 382, 444, 547, 600, 640, 672, 705, 755, 787
Adenocarcinoma, 620
Aerosol dyes, 24 (C)
AFNAN, M.: A new *corynebacterium sp.* isolated from bovine mastitis, 229 (C)
AGARWAL, S. P. *See* GADGIL, B. A., 694
Agrimin bullets, 463
ALEXANDER, T. J. L.: Minimising rabies risks, 329 (C)
ALLAN, W. H., *et al.*: The isolation of a strain of influenza A virus from turkeys, 43 (C)
ALLCOCK, J., A.H.D./B.V.A./N.A.A.S. Co-operation, 21 (C)
ALLEN, B. *See* ARCHER, R. K., 360
ALLEN, W. M., *and* PATTERSON, D. S. P.: Observations on relative visceral organ weight and lack of evidence for adrenal hypertrophy in clinical cases of Johne's disease, 127.
— *See* PATTERSON, D. S. P., 791
Alsatians for the army, 87 (C)
ALUJA, A. S. de, *Lantana camara* poisoning in cattle in Mexico, 628 (C)
Aminosol, 745
Ammonium acid urate calculus, 335
Anaemia, feline infectious, 23 (C)
ANDERSON, R. S., *and* EDNEY, A. T. B.: A matter of importance, 707 (C), 734 (C)
ANDREW, H.: A matter of importance, 580 (C)
— *and* LOVE, J.: Live hepatitis vaccine, 734 (C)
— *See* FISHER, E. W., 499
ANDREWS, A. H.: A study of ten cases of gastric torsion in the bloodhound, 689
— *and* MCEWEN, J. C.: A case of lice infestation, 182 (C)
ANDREWS, B. E., *and* LEACH, R. H.: The WS7 strain of *mycoplasma gallisepticum*, 789 (C)
Aneurysm of the aorta, 502
ANGUS, K. W., *and* BANNATYNE, C. C.: Abomasal ulceration in adult sheep: a report of two contrasting cases, 531
Animal Boarding Establishments Act, 1963: Schedule of Conditions, 512
— Health Division, 267, 576
— Nursing Auxiliaries, 550 (C), 608 (C), 707 (C), 733 (C), 758 (C), 793 (C), 794 (C)
Animals Bill, 209 (P)

Anthelmintics, 222
Anthisan, 712
Anthrax in humans, 476 (P)
Antibiotic feed supplements, 138
Aorta, aneurysm, 502
ARCHER, D.: "Congenital" nystagmus in a Siamese cat, 640 (C)
ARCHER, R. K., *and* ALLEN, B.: The viscosity of equine blood plasma: a new non-specific test, 360
ARIAS, E.: The 19th World Veterinary Congress, 55 (C)
ARMOUR, J.: Bovine ostertagiasis: a review, 184
— *et al.*: Studies on ovine fascioliasis, 274
— *See* REID, J. F. S., 42, 242
Army, alsatians for 87 (C)
— Veterinary and Remount Services, 635
ARNOLD, E.: Salmonellosis in cattle: can we eradicate at source? 86 (C)
ARTHUR, G. H.: The induction of oestrus in mares by uterine infusion of saline, 584
Artificial insemination, fees, 82
Ascardia galli, 652
Ascaris Hyostrongylus, 306
Aspergillosis, pulmonary, 790 (C)
Association of Morbid Anatomists, 55 (C)
— of Veterinary Students, 81
ASTLE, J.: The training of R.A.N.A.s, 794 (C)
ATMAKUSUMA, A. *See* VAN MIERT, A. S. J. P. A. M., 178
Aureomycin soluble, 564.

B

Babesia gibsoni, 8
Bacillus licheniformis, 650
Bactericidal activity of sera, 93
BAKER, K. P.: Observations on the epidemiology, diagnosis and treatment of demodicosis in dogs, 90
— Some aspects of feline dermatoses, 62
BALLINGER, H. J.: The effect of inseminations carried out early or late in oestrus on the sex ratio of calves born, 631 (C)
BANNATYNE, C. C. *See* ANGUS, K. W., 531
BARKER, I. K., *and* REMMLER, O.: Experimental *Eimeria leuckarti* infection in ponies, 448 (C)
Barley beef animals, post-mortem study, 457
BARNETT, K. C.: The British Veterinary Association/Kennel Club Progressive retinal atrophy scheme, 588
BARNETT, S. F.: Occurrence of *Rhipicephalus sanguineus*, 56 (C)
BEG, M. K. *See* CLARKSON, M. J., 652
Behaviour, animal, 678
Berenil, 8
Betsolan, 27
BETTS, A. O., *and* COTCHIN, E.: R.V.C. East African Research Team, 329 (C)
BEVERIDGE, W. I. B.: Seventy-three per cent. in practice, 608 (C)
—. *See* ROSE, M. A., 786
BEYNON, P. H.: The President's address to the R.C.V.S., 760 (C)
BIGGS, P. M. *See* KENZY, S. G., 100
Biochemical abnormalities associated with Turkey Syndrome '65, 617
BLACK, L.: The Progressive Retinal Atrophy Scheme, 181 (C)
Bladder, prolapse, 445 (C)
BLAND, K. P.: Congenital abnormalities of the uterus and their bearing on ovarian function (with three case reports on guinea-pigs), 44 (C)
BLEBY, J.: The unwanted animal, 708 (C)
Blood plasma, 360
Blood samples, 302, 413 (C), 758 (C)
— sampling technique, 521 (C)
— sports, 356 (C), 383 (C), 414 (C), 449 (C), 481 (C), 482 (C), 522 (C)
BLUNDEN, E.: Vacancies wanted for A.N.A. trainees, 608 (C)
BOLDERO, M. K. *See* CHU, H. P., 661
Bones, animal, 536, 642 (C), 676 (C)
BONNAUD, Z. *See* WELCH, A. G., 449
Books, price of, 582 (C)
BORAY, J. C. *See* GORDON, H. McL., 289
BORLAND, E. D.: An outbreak of erysipelas in a broiler-breeder poultry flock, 564
BORTHWICK, R.: Cryosurgery in veterinary practice: a preliminary report, 683
BOULANGER, P., *and* L'ECUYER, C.: Complement-fixation tests for the diagnosis of porcine enzootic pneumonia, 448 (C)
BOUTFLOWER, J.: Blood sports, 449 (C)
BOWDEN, W. E.: Future trends in calf supply—export, transport and marketing, 746
BOX, P. G., *et al.*: Newcastle disease in turkeys, 524
BOYD, H. *See* HIGNETT, P. G., 528
BOYS-STONES, P. A.: The professions' responsibilities, 269 (C)
BRANDER, G. C.: Exporting: technical problems involved in marketing and selling overseas, 687
— Imported drugs, 674 (C)
BRION, A. J.: Continental diplomas, 113 (C)
BRISTOL UNIVERSITY, 82, 266, 786
British Small Animal Veterinary Association, 550 (C), 577 (C), 579 (C), 580 (C), 608 (C), 609 (C), 641 (C), 642 (C), 675 (C), 707 (C), 734 (C)
BRITISH VETERINARY ASSOCIATION:
— Association News, 17, 47, 81, 136, 169, 207, 231, 262, 293, 321, 350, 378, 440, 472, 515, 542, 571, 669, 703, 729, 751, 784
— Congress, 1969
— — Papers
Ethics of certain surgical procedures in the dog, by W. B. Singleton, 332
Exporting: technical problems involved in marketing and selling overseas, by G. C. Brander, 687
Poultry: principles of disease control
Production of specified pathogen-free stock by management
1. Environment control, by D. M. Cooper, 388
2. Eradication, by D. G. Powell, 397
3. Vaccination, by A. S. Wallis, 425
4. Medication by R. G. Oakley, 429
Sheep husbandry in Norway, by G. Naerland, 129.
— Congress, 1970, 405
— Extraordinary General Meeting, 205
BROCKLESBY, D. W. *See* GOURLAY, R. N., 630
BRODNEY, R. S.: Canine mammary tumours, 734 (C)
Broiler performance, 480 (C)
Bronchitis, infectious, 322
BROOKS, P. H. *See* COOPER, K. J., 384
BROSTER, W. H., *and* LEAVER, J. D.: Nutrition of the dairy heifer, 521 (C)
BROWN, C. J. *See* HIRD, J. F. R., 582
Brucella infection, 452 (C)
Brucellosis, 109, 140 (P), 235 (P), 250, 518 (P)
— eradication, 299 (C), 330 (C), 385 (C), 683 (P), 761 (C)
— — in Scotland, 267 (P)
— incentives scheme, 352
Bull licensing, 635
— survey, 734 (C)
BURROWS, M. R. *See* RANKIN, J. D., 366
Bush-baby (Galago), 69
BUTLER, E. J., *et al.*: Biochemical abnormalities associated with turkey syndrome '65, 617
BWANGAMOI, O.: *Onchocerca gutturosa* in cattle in Uganda, 286 (C)
BYEGRAVE, A. C., *and* FARAGHER, J. T.: Mortality associated with Gumboro disease, 758 (C)
BYWATER, H. E.: Parthogenesis, 52 (C)

C

CAGIENARD, B.: Hairball in the pig, 357 (C)
Calciphylactic syndrome in pigs, 718
Calciphylaxis, 791 (C)
Calcium Cyanamide, 180 (C)
— mobilisation, 791 (C)
Calculus in a cat, 335
Calf disease, knackery survey, 454
— supply, 746
CAMERON, J., *and* SCARNELL, J.: Disclaimer—*Salmonella dublin* (strain 51) vaccine, 328 (C)
CAMPBELL, J. R., *and* LAWSON, D. D.: A matter of importance, 579 (C)
Cancer, 384 (C), 452 (C)
Canine Topics, 442, 471, 542, 599, 702, 784
Capillaria obsignata, 652
Capital investment in buildings for cattle, 296 (P)
Cardiac arrhythmia, 499
CARDING, T.: The stray dog problem, 356 (C)
— Surplus dog production, 519 (C)
— Transitional foods, 270 (C)
Cardio-hepatic syndrome in turkey poults, 201 (C)
CARLISLE, J. *See* MCCAUGHEY, W. J., 250
CARRIG, C. B., *and* PENNY, R. H. C.: Treatment of lymphosarcoma in the dog by splenectomy: a case report, 26
CARROLL, E. J. *See* COLLINS, J. D., 93

CARTER, H.: How to work without wind, 84 (C)
CARTER, H. E.: Historical veterinary documents, 384 (C)
Cartilage abnormality, 385 (C), 445 (C), 757 (C)
CARTLAND, B.: Blood sports, 481 (C)
CARTWRIGHT, S. F., *and* LUCAS, M.: Vomiting and wasting disease in piglets, 278
Castration, 269 (C), 272 (C)
CAWDERY, M. J. H., *and* RAUNE, M.: An observation on the recovery of the Mud Snail, *Lymnaea truncatula*, from organic soil debris by acid flotation, 327 (C)
CHAINEY, D., *et al.*: The excretion of megestrol acetate by beagle bitches, 287 (C)
CHANDLER, E. A.: Lens luxation in the Webster Terrier, 145 (C)
CHERRY, G.: "A lot of extra farm visits," 792 (C)
Cheyletiella yasguri, 346
Chinese rabbit carcases, 171 (P)
CHIPPERFIELD, T. A. R., R.C.V.S. Council Election, 670 (C)
Chloromycetin, 357
Chlortetracycline, 67
CHRISTIE, D. W.: A technique for blood sampling the chicken from the jugular vein, 521 (C)
CHRISTIE, E. H. L. *See* WILSON, J. B., 87
CHRISTIE, G. *See* MCMARTIN, D. A., 480
CHU, H. P., *et al.*: Mycoplasmata in poultry-strains WS7 and WR1, 660 (C)
CLAGUE, D. C.: Hairball in the pig, 791 (C)
CLARK, A. *See* TODD, J. N., 228
CLARKSON, M. J., *and* BEG, M. K.: The anthelmintic activity of L-Tetramisole against *Ascardia galli* and *Capillaria obsignata* in the fowl, 652
Clostridium oedematiens, 628 (C)
Clostrin, 243, 339
CLOVER, R. H.: Fleas . . . *ad infinitum*? 88 (C)
— Virus treatment of leukaemia and cancer, 384 (C)
Coccidiosis, 100
COHEN, PH.: Studies on ovine fascioliasis, 446 (C)
COID, C. R. *See* TYRRELL, D. A. J., 164
COLE, D. J. A., *and* LUSCOMBE, J. R.: Further studies on the control of *E. coli* in weaned pigs by chemical supplementation of the feed, 400
COLES, B. H., *et al.*: A matter of importance, 550 (C)
COLLINS, J. D., *et al.*: Observations on the *in vitro* bactericidal activity of sera from pre-natal and post-natal calves, 93
COMBEN, N.: Understanding feed additives, 715
Continental diplomas, 113 (C)
COOKE, C. D. *See* COLES, B. H., 550
COOKE, D.: Controlling liver-fluke, 707 (C)
— Hairball in the pig, 761 (C)
COOPER, D. M.: Poultry: principles of disease control, 388
COPPER, K. J., *et al.* Excess uterine fluid: a possible relationship with failure to return to service in non-pregnant pigs, 384 (C)
Cooperia punctata, 60
Copper injection and mortality, 740
— poisoning in sheep, 375 (C)
CORCORAN, C. J.: A cutaneous horn on the bovine teat, 771
CORNWELL, R. L., *and* JONES, R. M.: Field trials in sheep with the anthelmintic Morantel Tartrate, 430, 465
Corynabacterium sp., 229 (C)
COTCHIN, E. *See* BETTS, A. O., 329
COX, J. E., *and* GALINA, C. S.: A comparison of the chemical tests for oestrogens used in equine pregnancy diagnosis, 97
Cronolone, 528
Cryosurgery, 683
CUNNINGHAM, B.: Vaccination of cattle with killed 45/20 adjuvant vaccine, 2
Current Science Abstracts, 46, 80, 108, 167, 204, 230, 261, 320, 349, 408, 439, 470, 514, 540, 570, 625, 668, 701, 727, 750, 782
CURTIS, P. E.: A knackery survey of calf disease, 454
Cutaneous horn on bovine teat, 771
CZIPRI, D. A.: The efficiency of Galoxon against *Ascaris Hyostrongylus* and *Oesophagostomum* in pigs, 306

D

DALTON, J. R., *and* WINCH, M. D.: R.C.V.S. conference on veterinary education, 240 (C)
DAPPLES, CH.: The organisation of the veterinary profession in Switzerland, 72
DATTA, S. P., *and* OTTAWAY, J. H.: Biochemistry, 77 (R)
DAVIDSON, K. B.: Uterine irrigation in the cow, 271 (C)
DAVIES, E. T.: *Salmonella* vaccination of adult cattle, 330 (C)
DAVIES, G.: Predictive studies and rinderpest vaccination schemes 113 (C)
— *See* GILBERT, F. R., 29
DAVISON, R. S. *See* HYETT, M. D., 643
DAWSON, F. M. L.: Nutrition of the dairy heifer, 179 (C)
DAWSON, J. R. B.: *Myasthenia gravis* in a cat, 562
— *and* WHITE R. C.: At what price security, 452 (C)
DE MOOR, A. *See* VERSCHOOTEN, F., 371
DEAR, M. G., *and* PRICE, E. K.: Complex congenital anomaly of a bovine heart, 219
DEAS, D. W.: The timing of insemination, 450 (C)
Demodicosis, 90
DENT, J. R.: The training of R.A.N.A.s, 733 (C)
Dental scaler, 759 (C)
DERIVAUX, J.: Veterinary medicine in Belgium, 105
Dermatoses, feline, 62
DESMET, P. *See* VERSCHOOTEN, F., 371
Developer costs, 24 (C)
DEVILE, C. P.: A matter of importance, 580 (C)
DEWAN, M. L.: Pathology of verminous pneumonia in a Clouded Leopard (*Neofelis nebulosa*), 377 (C)
Diagnoses, summary, 654
Diazinon, 284
Dichlorvos horse anthelmintic, 106 (C)
Dictyocaulus viviparus, 633 (C)
Dimycin, 420
Diothyl, 222
Dipping of sheep with diazinon, 284
Disc electrophoresis, 629 (C)
Discount and the profession, 54 (C), 55 (C), 111, 140
Disease allegedly due to feedingstuffs, 166
Disposal of small animal carcases, 267 (P)
DODD, K.: *Cheyletiella yasguri:* widespread infestation in a breeding kennel, 346
Dog licence fee, 638 (P)
Donkey, uterine prolapse, 606 (C)
Donkeys, influenza in, 768
DONNELLY, W. J. C. *See* HAMILTON, A. F. 581
DOUGLAS, S. W., *and* WILLIAMSON, H. D.: Veterinary radiographic facilities, 116
— *et al.*: The surgical relief of gastric lesions in the dog: report of seven cases, 743
DOYLE, J. *See* URQUHART, G. M., 338
DOYLE, J. J. *See* SELMAN, I. E., 579
Drug, useful, 451 (C)
Drugs, import of, 522 (C), 607 (C), 674 (C)
DUFF, R. H. *See* SILLER, W. G., 757
DUNN, A. M.: Veterinary helminthology, 79 (R)
Dysentery, swine, 22(C), 24(C), 228 (C), 416 (C)

E

E. coli in pigs, 400
Echinococcus granulosus equinus, 632
Ectoral, 563
EDDY, R. G.: Hair ball in the pig, 447 (C)
EDGSON, F. A.: Mass treatment of ringworm in cattle with Griseofulvin Mycelium, 58
EDINBURGH UNIVERSITY, 236, 381, 705, 786
Editorials:
In the steps of Pangloss, 1
Collaboration, consequences and costs, 25
The farmers' claim, 57
Cots or cows? 89
Housing the student, 115
Progress—in a groove? 147
Henley and thereafter, 183
The R.C.V.S. Council Election, 215
Research in Veterinary Science, 241
Postgraduate studies, 273
Veterinary education and the future, 301
Small animal practice, 331
Animals and ourselves, 359
This year's Congress, 387
Tips from the stable, 417
A disappointing award, 453
Scientific paperchase, 483
Giving science a bad name, 523, 606 (C), 640 (C)
On suspended animation, 551
To publish or not, 583
The unwanted animal, 609
The pollution theme, 649

The profession and poultry, 677
A lot of extra farm visits, 709 ,792 (C)
Print, 735
Tomorrow's veterinarians, 763
EDNEY, A. T. B. *See* ANDERSON, R. S., 708, 734
Education, veterinary, 212 (C)
EDWARDS, F. B.: Are we cockeyed optimists? 84 (C)
— Giving science a bad name, 640 (C)
— *Toxocara canis* transmitted by the common house fly to the canine host, 581 (C)
EGAN, D. A., *and* O'CUILL, T.: Cumulative lead poisoning in horses in a mining area contaminated with Galena, 736
EGGINTON, D. E.: Women and *brucella* infection, 452 (C)
Eggs, 638 (P)
Ehrlichia canis, 375 (C)
Eimeria leuckarti infection, 448 (C)
ELSON, K. G. R. *See* ROBERTS, R. J., 258
Endotracheal tubes, plastic cuffed, 272 (C)
Engemycin, 451
English, Queen's, 386 (C), 416 (C), 480 (C)
Eperythrozoa infection, 178 (C)
Epizootic abortion order, 352 (P)
Equigard, 106
Erysipelas in broilers, 564
ESPARZA, H.: Collection of blood samples, 758 (C)
ESPINASSE, J., *and* REDON, P.: The control of swine dysentery, 24 (C)
Ethics of certain surgical procedures in the dog, 332
European Economic Community Veterinary Liaison Committee, 670
— Union of Practising Veterinary Surgeons, 411
Euthanasia, 54 (C), 145 (C), 213 (C), 269 (C)
EVANS, D. A. *See* FOWLER, N. G., 106
EVANS, J. M. *See* CHAINEY, D., 288
EVANS, O. W., *and* SPEER, J. L. V.: Eperythrozoa infection: a comment, 178 (C)
Experimental fever, 177 (C)
Experiments on living animals, 444 (P)
Exporting, 687
Exports of pigs and pigmeat, 209 (P)
Extra Farm Visits, 709, 792 (C)

F

Factory farming, 110
FARAGHER, J. T. *See* BYGRAVE, A. C., 759
Farm price review, 145 (C), 380 (P)
Farming Abstracts, 17, 45, 79, 108, 134, 169, 203, 229, 261, 293, 319, 348, 374, 404, 439, 469, 513, 540, 570, 599, 625, 662, 700, 726, 750, 783
Farriery, training for, 608 (C)
Fasciola hepatica, 222
Fascioliasis, 41 (C), 180 (C), 242, 274, 338, 446 (C), 538 (C), 634 (C)
Fatty liver and kidney syndrome, 722 (C)
Feed additives, 715
FENNELL, C.: Tail biting in pigs, 239 (C)
— A useful drug, 451 (C)
FERNANDO, M. A. *See* STOCKDALE, P. H. G., 177
Ferrofax, 719
Finalgon linament, 240
Fish diseases, 258
FISHER, E. W., *et al.*: Clinical—pathological correlation of an equine cardiac arrhythmia, 499
Fleas, 88 (C)
FLETCHER, T. J., *and* SARGENT, A. P.: The profession's responsibilities, 113 (C)
Fluothane, 26
Foot-and-Mouth Disease, 11, 300 (C), 353 (P)
— — disinfectants, 266
FORSE, S. F., *et al.*: Evaluation of teat-dipping formulations containing a germicidal polymeric biguanide, 506
FOSTER, P. D.: Tips from another stable, 519 (C)
FOSTER, S. J. *See* FOWLER, N. G., 145
FOWLER, N. G.: Plastic cuffed endotracheal tubes, 272 (C)
— *and* FOSTER, S. J.: The last gasp, 145 (C)
— *et al.*: Dichlorvos horse anthelmintic, 106 (C)
FOX, M. W.: Animal behaviour in veterinary medicine: its place and future, 678
Framomycin, 587
Framycetin, 419
FRASER, A. F.: Reproductive behaviour in ungulates, 77 (R)
Freescon, 338, 341, 342
FROST, A. J., *and* PHILLIPS, D. S. M.: The foremilk and experimental staphylococcal mastitis, 592
FROYD, G.: Levamisole in geese, 788 (C)
Fulcin, 58, 75
FULLER, J. R. *See* CHU, H. P., 661
Fusiformis necrophorus, 587
Future of the profession, 88 (C), 114 (C)

G

GADGIL, B. A., *et al.*: Spastic paresis in adult Indian cattle, 694
Galena, 736
GALINA, C. S., *See* COX, J. E., 97
GALLAGHER, J., *and* SPENCE, J. B.: A cardio-hepatic syndrome in turkey poults, 201 (C)
GALLIE, G. J., *and* SEWELL, M. M. H.: A technique for hatching *Taenia saginata* eggs, 749 (C)
GALLINA, E.: The veterinary service and the profession in Italy, 257
GARNER, F. M. *See* LINGEMAN, C. H., 627
Gastric torsion, 689, 762 (C)
— lesions, surgical relief, 743
Gastro-enteritis, transmissible, 378, 443 (P), 480 (C)
GIBLIN, J. E.: Vaccination programme for horses, 330 (C)
GIBSON, L. A. S.: Bingo and immortal souls, 522 (C)
GIBSON, W. W. C. *See* LAWS, B. M., 675
GILBERT, F. R., *et al.*: The efficacy of T_1 strain broth vaccine against contagious bovine pleuropneumonia: in-contact trials carried out six and twelve months after primary vaccination, 29
GILBERT, G. A.: The use of magnesium alloy bullets, 605 (C)
GILES, M. B. DE C.: Prolapse of the bladder in cattle, 445 (C)
GINSBERG, A : The future of the profession, 88 (C), 213 (C)
GITTLESON, M L.: Animal bones, 536, 676 (C)
GLASGOW UNIVERSITY, 545, 671, 705, 786
GODFREY, C : The last gasp, 54 (C)
— The strains of pleasing, 269 (C)
GORDON, H McL., *and* BORAY, J. C.: Controlling liver-fluke: a case for wildlife conservation? 288 (C)
Gorilla, aneurysm of the aorta, 502
GOURLAY, R. N., *et al.*: Disc electrophoresis as an aid in the identification of piroplasms, 629 (C)
GOURLEY, J.: "Complete" rations for dogs and cats, 581 (C)
— *See* COLES, B. H., 550
GRAHAM-JONES, O.: Blood sports, 449 (C)
— The profession and blood-sports, 356 (C)
GRANT, D. P. *See* ZLOTNIK, I., 660
GRANT, F.: Gastric torsion in dogs, 762 (C)
GRATTAN, D. A. P.: Prevention and control of I.L.T., 734 (C)
GREEN, D. R. *See* HISLOP, C. R. B., 384
GRIFFIN, R. B.: No room for detachment, 145
GRIPPER, J. N., *and* LITTLEWOOD, H. F.: Uterine irrigation in the cow, 329 (C)
GRISEDALE, I. M.: Blood sports, field sports, angling—the lot, 482 (C)
— The profession and blood sports, 414 (C)
— The stray dog problem, 643 (C)
Griseofulvin Mycelium, 58
GROCOCK, C. M., *et al.*: *Salmonella muguga*: a new *salmonella* serotype causing disease in sheep in Tanzania, 259 (C)
GROVES, M. G., *and* VANNIASINGHAM, J. A.: Treatment of *Babesia gibsoni* infection with phenamidine isethionate, 8
Growth of weaned lambs, 368
Guard dogs, conditions, 452 (C)
Gumboro disease, 758 (C)
GUVEN, S. *See* ROBERTS, R. S., 629

H

Haemobartonellosis, 357 (C)
Haemostatic mechanisms in man and other animals, symposium, 50
Hairball in the pig, 357 (C), 447 (C), 761 (C), 791 (C)
Hairy Shaker Disease, 537 (C)
HALL, L. W. *See* DOUGLAS, S. W., 743
HALL, M. L. M., *and* TAYLOR, J.: *Salmonella Dublin*: the relation between a living calf vaccine strain and those isolated from human and other sources, 534
HALL, R. *See* FORSE, S. F., 506
HALLIWELL, P. H. *See* BOX, P. G., 524
Haloxon, 306
HAMILTON, A. F., *and* DONELLY, W. J. C.: A new condition of lambs in Ireland, 581 (C)
HARBOURNE, J. F. *See* MAIR, N. S., 69
Hare Coursing Bill, 603 (P), 637 (P)

HARKER, D. B.: A modified Schirmer tear test technique, 196
HARRIS, K. A.: Refreshing words, 178 (C)
HARRIS, M. E.: A scientist for breakfast?, 87 (C)
HART, A. W.: Brucellosis survey, 734 (C)
— Veterinary education, 445 (C)
HARTLEY, J. C.: Co-operation with N.A.A.S., 87 (C), 146 (C)
HATCH, C.: *Echinococcus granulosis equinus* in Irish dogs, 632 (C)
HAWKINS, J. D.: A diagnosis queried, 676 (C)
— Rabies, 415 (C)
HAXBY, D. L.: Brucellosis eradication, 386 (C)
HEARD, T. W., *and* JOLLANS, J. L.: Continued observations in a closed hysterectomy-founded pig herd, 418
Heart, bovine, congenital anomaly, 219
HEATH, J. S., *et al.*: Feline infectious anaemia: is it widespread? 23 (C)
HELLIWELL, B. I. *See* BOX, P. G., 524
HEMSLEY, L. A.: A cartilage abnormality of broiler chickens, 385 (C)
— *et al.*: A trial to produce the fatty liver and kidney syndrome of young chickens, 722 (C)
HENDERSON, W. M.: Foot-and-mouth disease and the slaughter policy, 300 (C)
Hepatitis vaccine, live, 734 (C)
— virus, infectious canine, 92
Herbicide 2,4,5-T, 544 (P)
Hereditary defects, 240 (C)
HIDDLESTON, W. A.: Antifungal activity of *penicillium griseofulvin* mycelium, 75 (C)
HIGNETT, P. G., *et al.*: Synchronisation of oestrus in Ayrshire heifers by the use of progestinated intra-vaginal pessaries, 528
— *See* LONG, S. E., 161, 192
HILL, F. W. G.: A matter of importance, 604 (C)
HIRD, J. F. R., *and* BROWN, C. J.: Student behaviour, 582 (C)
HISLOP, C. R. B., *and* GREEN, D. R.; Practising specialists, 384 (C)
Historical veterinary documents, 384 (C)
HOBBS, K. R.: Giving science a bad name, 708 (C)
HOLMES, C. R.: The lasp gasp, 213 (C)
HOLMES, J. R.: Otitis externa: an effective new treatment, 794 (C)
HOLLOWAY, G. W.: Veterinary radiographic facilities, 240 (C)
HOLT, E. A.: Rabies, 328 (C)
HOLT, J. R. *See* COLES, B. H., 550
HOPES, R. *See* PEACE, C. K., 299
Hospitality received and offered, 138, 237, 295, 411, 443, 545, 603, 671, 753
HOWARD, E. C.: Training for farriery, 608 (C)
HUGHES, I.: A matter of importance, 642 (C)
HUGHES, I. B. *See* COLES, B. H., 550
HUMMEL, P. H.: Isolation of *Pasteurella multicida* Carter Type E in Tanzania, 42 (C)
HUMPHREYS, P. N.: Natural repair of a mallard's wing, 792 (C)
HUNTER, A. G.: A case of uterine prolapse in a donkey, 606 (C)
HUNTER, D. *See* TODD, J. N., 228
Husbandry, importance, 182 (C)
Husk, 148
HYETT, M. D., *et al.*: "Veterinary" articles in a newspaper criticised 642 (C)
Hypomagnesaemia, 463
Hysterectomy-founded pig herd, 418

I

I.L.T., 734 (C)
IKEME, M. M.: Pig parasites of Nigeria with emphasis on the local breed, 644 (C)
Iliac thrombosis, 620
IMLAH, P.: Collection of blood samples, 413 (C)
Imposil, 200, 719
In the steps of Pangloss, 84 (C)
Influenza A virus, 43 (C)
— equine, 768
— — international veterinary committee on, 208
— — vaccination, 214 (C)
INGRAM, P. L.: The occurrence of feline infectious peritonitis in England, 632 (C)
Insemination, timing, 450
Intellectual treat, 114 (C)
Intensive beef production, 52 (C)
— livestock production, 33
International Conference on cattle diseases, 50
Iodine reduction tests, 646
Irish store cattle, 638 (P)
Iron injections, 791 (C)
ISHMAEL, J., *and* UDALL, N. D.: Iliac thrombosis in a dog associated with an adenocarcinoma of the prostate gland, 620

J

JACKSON, G. J., *et al.*: Immunity to parasitic animals, vol. 1, 628 (R)
JACKSON, O. F., *and* SUTOR, D. J.: Ammonium acid urate calculus in a cat with a high uric acid excretion possibly due to a renal tubular reabsorption defect, 335
JACKSON, P. S. *See* FORSE, S. F., 506
JAIN, N. C. *See* COLLINS, J. D., 93
JANES, P. D. *See* HEATH, J. S., 23
JASPER, D. E. *See* COLLINS J. D., 93
JENNINGS, D. S.: Muscular dystrophy, 212 (C)
JENNINGS, F. W. *See* ARMOUR, J., 274: REID, J. F. S., 42, 242, 539; URQUHART, G. M. 338
JENSON, B.: The veterinary profession in Denmark, 310
JESSOP, L.: A matter of importance, 580 (C)
Johne's disease, 127
JOHNSTON, J. B.: Blood sports, 383 (C)
JOLLANS, J. L. *See* HEARD, T. W., 418
JONES, R. M. *See* CORNWELL, R. L., 430, 465
JULIAN, R. J., *and* SISSONS, M. C.: Staphylococcal pathogenicity and bovine mastitis, 376

K

KAY, R. S.: The R.C.V.S. Council Election, 708 (C)
KEALY, J. K.: Conference of veterinary Radiologists, 606 (C)
KEENE, D. P.: Professional discount, 54 (C)
Kemithal, 26
KEMP, A.: Prevention of hypomagnesaemia in cows: the use of magnesium alloy bullets, 463
KENDAL, A. P. *See* ALLAN, W. H., 44
KENZY, S. G., *et al.*: Relationship between Marek's disease and coccidiosis, 100
KEPPIE, J. *See* ZLOTNIK I., 660
KING, J. O. L.: The influence of long productive lives in dairy cows on milk production, 764
— The relationship between the total lactation yields of heifers and the yields of the halves of their udders, 354
KLUTH, G. A.: A matter of importance, 604 (C)
KNIGHT, G.: R.C.V.S. Council Election, 760 (C)
KUYPER:LENSTRA, A. H. *See* VAN MIERT, A. S. J. P. A. M., 178

L

L-Tetramisole, 652
Laboratory animals, 708 (C)
Lactation yields, 364
LAMB, R. E.: The profession and blood sports, 414 (C)
Laminitis, 457, 710
Lambs, new condition in, 581 (C)
LAND, R. B. *See* RYDER, M. L., 769
LANE, D. R.: The sedation of cattle, 358 (C)
Lantana camara poisoning, 628 (C)
Last gasp, 54 (C), 145 (C), 213 (C)
LAUDER, I. M. *See* MARTIN, W. B., 662
LAURSEN-JONES, A. P.: Broiler performance, 480 (C)
— Cartilage abnormality of broiler chickens, 445 (C)
LAWS, B. M., *and* GIBSON, W. W. C.: Leg weakness in turkeys, 675 (C)
LAWSON, D. D.: The progressive retinal atrophy scheme, 22 (C)
— CAMPBELL, J. R., 579
LEACH, R. H. *See* ANDREWS, B. E., 790
Lead poisoning, 195, 736
LEAVER, J. D. *See* BROSTER, W. H., 522
L'ECUYER, C. *See* BOULANGER, P., 448
LEE, E. H. *See* STOCKDALE, P. H. G., 177
LEE, R. *See* LONG, S. E., 192
Leg weakness in turkeys, 675 (C)
Leiomyoma, 125
LENCH, R. J.: The stray dog problem, 214 (C)
Lens luxation, 145 (C)
Leopard, pneumonia, 377 (C)
Leptospirosis, 484
Leukaemia, 384 (C), 452 (C)
Levamisole in geese, 788 (C)
LEWIS, C. J.: The Queen's English, 386 (C)
LEWIS, K. H. C. *et al.*: Hairy Shaker disease and abortion: immunity and transmission via mucous membranes, 537 (C)
Lice infestation, 182 (C)
Licensing of bulls, 607 (C)
Lincomycin, 86 (C)

LINGEMAN, C. H., *and* GARNER, F. M., *eds.*: Comparative morphology of hematopoietic neoplasmas, 627 (R)
LINKLATER, K. A.: The occurrence of red cell isoantibodies in the sera of dams of piglets showing thrombocytopenic purpura, 630 (C)
LITTLE, T. W. A. *See* ROBERTS, D. H., 328
LITTLEWOOD, H. F. *See* GRIPPER, J. N., 330
Liver fluke, 222, 288 (C), 707 (C)
LIVERPOOL UNIVERSITY, 411, 576, 671
Livestock Buildings, Scotland (Rating), 353 (P)
Living language, 200
LOKEN, K. I. *See* ROYAL, W. A., 67
LONDON UNIVERSITY, 267, 444
LONG, P. L., *See* KENZY, S. G., 100
LONG, S. E., *and* HIGNETT, P. G.: Preputial eversion in the bull, 161
—, *et al.*: Preputial eversion in the bull: relationship to penile movement, 192
Lorexane, 91
Louping-ill vaccines, 659 (C)
LOVE, J.: A matter of importance, 604 (C)
— *See* ANDREW, H., 734
Loxon, 306
LUCAS, I. A. M.: Nutrition of the growing/finishing pig, 38
LUCAS, M. *See* CARTWRIGHT, S. F., 278
LUMLEY, J. F.: The destruction of moles, 213 (C)
LUSCOMBE, J. R. *See* COLE, D. J. A., 400
Luxation of the patella in a calf, 190
Lymnaea truncatula, 327 (C)
Lymphosarcoma, 26

M

MACADAM, I.: Sterilisation of dogs, 451 (C)
MCARTHUR, J. S. *See* WILSON, J. B., 87
MCBRIDE, P. S. *See* MCCAUGHEY, W. J., 422
MCCAUGHEY, W. J., *and* CARLISLE, J.: Antibody studies in an island cattle population free from brucellosis, 250
— *et al.*: An outbreak of *Salmonella give* infection in cattle, 422
MCCLELLAND, T. G. *See* MCCAUGHEY, W. J., 422
MCCOUBREY, A. *See* CHAINEY, D., 288
MCDONALD, L. E.: Veterinary endocrinology and reproduction, 627 (R)
MCEWEN, J. C. *See* ANDREWS, A. H., 182
MCKAY, W. M.: The Swann Committee's precautions, 85 (C)
MACKELLAR, J. C.: Collection of blood samples and smears for diagnosis, 302
MACLEAN, C. W.: The haematology of bovine laminitis, 710
— A post-mortem X-ray study of alminitis in barley beef animals, 457
MACLEOD, N. S. M., *and* WATT, J. A.: Experimental copper poisoning in sheep, 375 (C)
— *See* WIENER, G., 740
MCMARTIN, D. A., *and* CHRISTIE, G.: The WS7 strains of *Mycoplasma gallisepticum*, 479 (C)
Maedi, 434
Magnesium alloy bullets, 463, 605 (C)
MAIR, N. S., *et al.*: *Yersinia Enterocolitica* infection in the Bush-Baby (galago), 69
MALEY, A. D. *See* O'NEILL, P. A. F., 646
Mallard's wing, natural repair, 792 (C)
Mammary tumours, canine, 479 (C), 734 (C)
Mammillitis virus infection bovine, 661 (C)
Mange, demodectic, 178 (C)
MANKTELOW, B. W. *See* LEWIS, K. H. C., 538
Marek's disease, 100
— — and warble-fly, 638 (P)
MAREK, P. *See* GROOCOCK, C. M., 260
MARKSON, L. M.: A diagnosis queried, 520 (C)
MARS, J. A.: The import of drugs, 607 (C)
MARTIN, B. *See* MARTIN, W. B., 662
MARTIN, W. B., *et al.*: Bovine mammillitis virus infection, 661 (C)
MASON, B. J. E.: Uterine prolapse in a donkey, 675 (C)
MASON, E.: Obesity in pet dogs, 612
MASON, I. L.: A dictionary of livestock breeds, 77 (R)
Masteril, 479
Mastitis, 229 (C), 376 (C)
— staphylococcal, 592
MAYNARD, H. M. F.: Professional discount, 55 (C)
Meat inspection, 110
— production, 74
Megestrol acetate, 287 (C)
MELROSE, D. R.: Present and future veterinary work concerning meat production, 74
MENDELSON, N.: "Veterinary endocrinology and reproduction", 762 (C)
MENEAR, H. C. *See* POYNTER, D., 148
Mestinon, 562
Mexico, veterinary diagnostic laboratories, 714
MICHNA, S. W.: Leptospirosis, 484
Milk the cow and the consumer, 87 (C), 146 (C)
Ministry of Agriculture, reorganisation of veterinary services, 473
MITCHELL, B.: The place of clinical instruction in veterinary education, 566
— Seventy-three per cent. in practice, 707 (C)
Moles, destruction, 213 (C)
Monosulphiram, 91
MOORS, W. M. *See* COLES, B. H., 550
Morantel Tartrate, 430, 465
MORGAN, D. G.: Dissecting aneurysm of the aorta in a gorilla, 502
MORRIS, R. E.: Surgical repair of the pelvis in a dog, 559
MOWAT, G. N.: Virus pneumonia in calves, 415 (C)
MULLEN, P. A.: Intensive beef production, 53 (C)
— Rumenitis containing *Fusiformis necrophorus* organisms found in a calf reared on an early weaning feeding system, 587
Muscular dystrophy, 212 (C)
Myasthenia gravis, 562
Mycobacterium, 487
— *smegmatis*, 497
Mycoplasma gallisepticum, 479 (C), 789 (C)
Mycoplasmata, 660 (6)

N

N.A.A.S., co-operation with, 87 (C), 146 (C)
National Farmers' Union, President, 173
— Mastitis Council, 623
— SHEEP BREEDERS' ASSOCIATION, British Sheep, 3*rd ed.* 78 (R)
NAERLAND, G.: Sheep husbandry in Norway, 129
NEAVE, R. M. S.: Blood sports, 481 (C)
Nematodirus in lambs, 546
Neofelis nebulosa, 377 (C)
Nephritis, interstitial, 92
New Year Honours, 47
Newcadin, 524
News, 18, 47, 81, 109, 137, 171, 207, 235, 264, 294, 322, 351, 378, 409, 443, 473, 516, 542, 572, 601, 634, 670, 704, 731, 752, 785
Newcastle disease, 524
NEWCOMB, R.: The induction of oestrus, 675 (C)
Nilevar, 528
Nilverm, 339
Nilzan, 222
Nitroxynil, 41 (C)
NODDLE, B. A.: Animal bones, 642 (C)
Northumberland Committee Report, 11
Nutrition of the dairy heifer, 179 (C)
— of the pig, 38
Nystagmus, "congential", 640 (C)

O

OAKLEY, G. A.: Pantothenic acid deficiency in a commercial herd of pigs, 252
OAKLEY, R. G.: Poultry: principles of disease control. 4. Medication, 429
Obeliscoides cuniculi, 176 (C)
Obesity in dogs, 612
O'BYRNE, E. *See* WHITE, D. S., 659
O'CUILL, T. *See* EGAN, D. A., 736
O'DONOGUE, P. N. *See* PERKINS, F. T., 478
Oesophagostomum, 306
Oestrogens, 97
Oestrus, induction, 584, 675 (C)
— synchronisation, 528
O'LOUGHLIN, J. *See* WHITE, D. S., 659
Onchocerca gutturosa, 286 (C)
O'NEILL, P. A. F., *and* MALEY, A. D.: An iodine reduction test using pig pancreatic extract as an aid in the diagnosis of swine fever, 646
ORR, F. H.: Alsatians for the army, 87 (C)
ORSKOV, E. R. *See* RYDER, M. L., 769
ORTON, R. G.: Sudden death in a cow, 641 (C)
Ostertagia Ostertagia, 60
Ostertagiasis, bovine 184
Otitis externa, 794 (C)

OTTAWAY, C. W.: An intellectual treat, 114 (C)
OTTAWAY, J. H. *See* DATTA, S. P., 77
Otters, 202
OULD, E.: Victoria Veterinary Benevolent Fund, 760 (C)
Ovarid, 287
Oxyclozanide, 222
OYAERT, W. *See* VERSCHOOTEN, F., 371

P

Pain or distress caused to animals, 143 (P)
Pancytopaenia, canine, 375 (C)
Pantothenic acid deficiency, 252
PARADISE, G. P.: The stray dog problem, 180 (C)
Parainfluenza, 1, 164
Parasites of pigs in Nigeria, 644 (C)
Parbendazole, 60
PARKER, W. H.: Health and disease in farm animals, 549 (R)
Parliament, 140, 171, 209, 235, 267, 296, 323, 352, 380, 443, 518, 544, 603, 637, 704
PARSONS, J. H. *See* SINGLETON, W. B., 578
Parthogenesis, 53 (C)
Partnerships in veterinary practice, guide to, 776
PASFIELD, J.: R.C.V.S. Council Election, 760 (C)
Pasteurella multicoda Carter Type E, 42 (C)
PATEL, U. G. *See* GADGIL, B. A., 694
Patella, lateral luxation, 480 (C)
PATERSON, M. B.: The training of R.A.N.A.S, 758 (C)
PATTERSON, D. S. P., *and* ALLEN, W. M.: Calcium mobilisation and calciphylaxis in piglets induced by iron injections, 791 (C)
— *See* ALLEN, W. M., 127
PEACE, C. K., *and* HOPES, R.: The case of rabies at Newmarket, 299 (C)
PEACOCK, R. *See* POYNTER, D., 148
PEARSON, A. W. *See* BUTLER, E. J., 617
PEGG, E. J.: *Toxocara canis* transmitted by the common house-fly to the canine host, 522 (C)
Pelvis, surgical repair in a dog, 559
Penbritin, 419
Penicillium Griseofulvin, myeclium, 75 (C)
PENN, G. B.: Calciphylactic syndrome in pigs, 718
PENNY, R. H. C. *See* CARRIG, C. B., 26
Penthrane, 559
Peritonitis, infectious, 632 (C)
PERKINS, F. T., *and* O'DONAGUE, P. N.: The hazards of handling simians—laboratory animal handbook, 478 (R)
PERSONAL:
Appointments, Ablett, R. E., 267; Austin, A. B., 603; Baird, E. J., 267; Betts, A. O., 409; Beynon, A. G., 634; Blake, R. E., 635; Boyle, J. G. S., 268; Brown, A. M., 267; Brown, D. R., 732; Calvert, J. A., 411; Campbell, A., 268; Capstick, P. B., 19, 518; Dunford, S. J., 576; Egan, P. S. A. J., 174; Entwhistle, M. P., 268; Ferguson, A., 268; Gough, H. C., 323; Gracie, D. K., 268; Groves, T. W., 267; Hilton, D. W., 267; Irfan, M., 267; Jones, E. C. M., 576; MacDonald, D. H., 267; MacIntyre, G. C., 19; MacOwan, K. J., 50; Macpherson, D. F., 268; Miller, D. J. S., 476; Mills, G. H., 267; Pearce, J. S., 576; Peck, E. F., 267; Pizer, N. H., 323; Pollock, J. Y., 268; Skea, A. J., 268; Smith, J. E., 603; Somerville, J. M., 297; Somerville, J. R., 576; Somerwill, G. L., 268; Stoker, J. W., 732; Tarala, J., 268; Taylor, J. L., 267; White, E. G., 576
Births, 19, 51, 82, 110, 140, 174, 236, 267, 297, 354, 476, 518, 544, 577, 603, 635, 705, 753, 786
Engagements, 19, 50, 111, 705
Honours:
Durand, M. R. E. (M.B.E.), 47
Ford, C. M. (M.B.E.), 47
Robertson, A. (Knighthood), 47, 296
Wilson, J. E. (I.S.O.), 47
Marriages, 412, 705
General:
Anderson, L. G. (Honoured), 379
Chipperfield, T. A. R. (candidate), 233
Codrington, W. S. (Candidate), 233
Coles, R. (retirement), 411
Harris, A. H. (candidate), 233
Hignett, S. L., 207
Huygelen, C. (vaccine), 411
Jones, E. W. (A.S.A. membership), 732
Kay, R. S. (candidate), 234
Kerr, J. R. (retirement), 576
O'Sullivan, A. J. (resignation), 576
Pasfield, J. A. (candidate), 234
Ritchie, *Sir* J. (retirement), 723
Scott, P. C. A. (candidate), 234
Stamp, S. T. (candidate), 234; (P.R.C.V.S.), 698
Sumner, K. C. (candidate), 234
Thomas, G. H. (retirement), 576
Turney, J. T. (retirement), 576
White, J. B., 209
Williams, E. I. (Honour in U.S.A.), 732
Wilson, J. E. (award), 236
Worden, A. N. (Degree), 410
Wyse, G. (candidate), 235
Young, M. (candidate), 235
Obituary:
R.C.V.S.
Blanchard, J. H., 51, 138; Brassey-Edwards, H., 109; Drummond, J., 109; Dwerryhouse, H. S., 50; Galloway, I. A., 48; Heane, C. W., 138; Hudson, E. W., 322, 326, 353; Hughes, J. H. M., 543, 576, 636; Hume, A. C., 518; John, H. M., 475, 476, 517; John, W. D., 705; Loughran, J. D., 50, 139; McAteer, J., 295; McCall, F. J., 412, 602; Macdonald, J., 731, 753; Macgregor, W. A., 602; Mackintosh, W.L.S., 322; Magee, B. L., 295; Millar, J., 236, 237; Mitchell, W. M., 475, 516, 544; Parker, E., 109, 138, 139, 174; Quill, T. S., 753; Robertson, J., 208; Savage, A., 295; Stuart, J. E C., 704;
R.C.V.S. Honorary Associate
Manninger, R., 237
S.V.R.
Hughes, I. A., 109, 207; Norris, D. A., 577;
General:
Brambell, F. W. R., 731; Cooper, *Sir* W. H., 753; Macdonald, S. E., 443; Proud, D. A., 19; Schofield, F. W., 576
Pesticide residues, 264
PETRAK, M. L., *ed.*: Diseases of cage and aviary birds, 78 (R)
Phenamidine isethionate, 8
PHILIP, R. G.: Lateral luxation of the patella in a calf, 190
PHILLIP, J. I. H.: Virus pneumonia in calves, 280, 446 (C)
PHILLIPS, D. S. M. *See* FROST, A. J., 592
PICKERING, J. P.: Brucellosis eradication, 330 (C), 385 (C), 761 (C)
— Making the best use of the practising veterinary surgeon, 271 (C)
Pig health scheme, 264, 522 (C)
PINKNEY, J. M.: The stray dog problem, 180 (C), 480 (C)
PIRIE, H. M. *See* FISHER, E. W., 499; MARTIN, W. B., 662
Piroplasms, identification, 629 (C)
PITTAWAY, E. M.: Professional discount, 54 (C)
Planocaine, 192
Plastic cuffed endotracheal tubes, 272 (C)
Pleuropneumonia, contagious bovine, 29
Pneumonia in beef production, 137
— enzootic, 86 (C), 328 (C)
— porcine enzootic, 448 (C)
— progressive interstitial, 434
— verminous, 377 (C)
— virus, 280, 355 (C), 415 (C), 446 (C)
Polymeric biguanide, 506
PORTER, A. R. W.: The training of R.A.N.A.s, 550 (C), 793 (C)
— Travel arrangements for the World Veterinary Congress, 211 (C)
PORTER, W. L. *See* LEWIS, K. H. C., 538
Posterior duplication, 769
Postgraduate studies, 290
Poultry disease control, 388, 397
— housing, 552
— principles of disease control, 425, 429
POWELL, D. G.: Poultry: principles of disease control, 397
POYNTER, D., *et al.*: The prevention and treatment of husk, 148
Pregnancy diagnosis, 97
Preputial eversion in the bull, 161, 192
Pre-race urine examination, 216
PRICE, E. K. *See* DEAR, M. G., 219
PRIESTER, W. A.: A summary of diagnoses in the ox, horse, dog and cat from 12 Veterinary school clinics in the U.S. and Canada, 654
Productive lives of dairy cows, 764
Professional discount, 54 (C), 55 (C), 111, 140
Profession's responsibilities, 113 (C), 144 (C), 178 (C), 269 (C)
Progressive retinal atrophy scheme, 22, 54 (C), 181 (C), 588
PROLE, J. H. B.: Blood sports, 482 (C)
— Time marches on, 762 (C)
— Use of live vaccines for greyhounds, 642 (C)
Prostate gland, 620

— Hyperplasia, 112 (C), 146 (C)
Pyloromyotomy, 371
Pyloroplasty, 371

Q

Quarantine for dogs, 638 (P)
— kennels, 24 (C), 704 (P)
— regulations for cattle and sheep, 518 (P)
— premises, 143 (P), 323 (P)
QUARMBY, W. N.: Brucellosis eradication, 299 (C), 386 (C)

R

R.A.N.A.s *See* Animal Nursing Auxiliaries
R.S.P.C.A. clinics, 758 (C)
Rabies, 294, 299 (C), 322, 323 (P), 328 (C), 329 (C), 353 (P) 381, 415 (C), 443 (P), 520 (C), 676 (C)
— Committee of Inquiry, 475 (P)
Racecourse Veterinarians Conference, 596
Radiation safety in veterinary practice, 294
Radiographic facilities, 116
Radiography, 447 (C)
RANKIN, J. D., *and* TAYLOR, R. J.: An attempt passively to immunise calves against salmonella infection by vaccination of their dams, 254
— *et al.*: Observations on the effect of introducing salmonella-infected calves to a commercial beef rearing unit, 366
RATHORE, A. K.: Temperature gradient of scrotum in rams exposed in a hot room at various temperatures, 738
Rations for dogs and cats, 581 (C)
READ, W. C. S. *See* GILBERT, F. R., 29
READING UNIVERSITY, 733
Red cell isoantibodies, 630 (C)
REDON, P. *See* ESPINASSE, J., 24
REID, J. F. S., *et al.*: The efficacy of nitroxynil in the treatment of naturally-occurring ovine fascioliasis, 41 (C)
— — Studies on ovine fascioliasis, 538 (C)
— — Studies on ovine fascioliasis, 242
— *See* ARMOUR, J., 274; SELMAN, I. E., 579
REMFRY, J. *See* HEATH, J. S., 23
REMMLER, O. *See* BARKER, I. K., 449
REPORT:
Report of Study Groups to the Meat and Livestock Commission, 479
Respiratory infection, acute, 164
Retinal atrophy, progressive, 22 (C), 54 (C), 181 (C), 588
Reviewing of scientific books, 610
REVIEWS:
DATTA, S. P., *and* OTTAWAY, J. H.: Biochemistry, 77
DUNN, A. M.: Veterinary helminthology, 79
FRASER, A. F.: Reproductive behaviour in ungulates, 77
JACKSON, G. J., *et al. eds.*: Immunity to parasitic animals, vol. 1, 628
LINGEMAN, C. H., *and* GARNER, F. M.: Comparative morphology of hematopoietic neoplasms, 627
MCDONALD, L. E.: Veterinary endocrinology and reproduction, 627
MASON, I. L.: A dictionary of livestock breeds, 77
NATIONAL SHEEP BREEDERS' ASSOCIATION: British sheep, 3*rd ed.*, 78
PARKER, W. H.: Health and disease in farm animals, 549
PERKINS, F. T., *and* O'DONOGHUE, P. N.: The hazards of handling simians—laboratory animal handbook, 478
PETRAK, M. L., *ed.*: Diseases of cage and aviary birds, 78
RHODES, D. N.: Meat production from entire male animals, 478
ROONEY, J. R.: The biomechanics of lameness in horses, 549
SENEVIRATNA, P.: Diseases of poultry, 2nd edition, John Wright, 202
SMYTH, J. D.: The physiology of cestodes, 78
SMYTHE, R. H.: The breeding and rearing of dogs, 76
STEPHENS, M. N.: The otter report, 202
UNIVERSITIES FEDERATION FOR ANIMAL WELFARE: The humane control of animals living in the wild, 201
Veterinary Annual, 1969, 548
WOODFORD, P., *ed.*: Scientific writing for graduate students. 78
Rhipicephalus sanguineus, 56 (C)
RHODES, D. N.: Meat production from entire male animals, 478 (R)
RHODES, J.: A fat, old red-herring, 272 (C)
RICHARDSON, A.: Bovine mastitis associated with *mycobacterium smegmatis* and untypable *mycobacterium*, 497
Riding Establishments Bill, 172 (P), 236 (P), 638 (P)
Rinderpest vaccination schemes, 113 (C)
Ringworm, 58
ROBERTS, D. H., *and* LITTLE, T. W. A.: An auto-immune response associated with porcine enzootic pneumonia, 328 (C)
ROBERTS, R. J., *and* ELSON, K. G. R.: An outbreak of whirling disease in rainbow trout, 258
ROBERTS, R. M., *and* SIMMONS, J. R.: An agent possibly associated with swine dysentery, 22 (C)
ROBERTS, R. S., *et al.*: *Clostridium oedematiens* in the livers of healthy sheep, 628 (C)
ROBERTSON, C. M.: A case of acute lead poisoning in a dog, 195
ROBERTSON, G. *See* HELMSLEY, L. A., 722
ROBINSON, L. R.: Blood sports, 449 (C)
ROBINSON, M.: A particular topic, 145 (C)
ROBINSON, R. A. *See* ROYAL, W. A., 67
Rompun, 358
ROONEY, J. R.: The biomechanics of lameness in horses, 549 (R)
ROSE, M. A., *et al.*: Influenza in horses and donkeys in Britain, 1969, 768
ROSS, D. B.: The effect of oral parbendazole against *Ostertagia Ostertagi* and *Cooperia punctata* in experimentally infected calves, 60
ROSS, J. G.: The use of molluscicides to control fascioliasis in Northern Ireland; investigation of the application rate of Calcium Cyanamide, 180 (C)
ROUND, M. C. *See* ROSE, M. A., 786
ROYAL COLLEGE OF VETERINARY SURGEONS:
— — Council election, 233, 271 (C), 299 (C), 300 (C), 704, 708 (C), 760 (C), 793 (C)
— — Day, 723
— — Disciplinary Committee, 752
— — New President, 698
— — News, 18, 51, 81, 111, 138, 171, 208, 237, 265, 297, 322, 351 379, 443, 474, 516, 542, 572, 601, 635, 671, 704, 752, 786
— — President's address, 724 ,760 (C)
Royal Veterinary College, 409
— — East African Research Team, 329 (C)
— — reunion, 550 (C)
ROYAL, W. A., *et al.*: The influence of chlortetracycline feeding on *Salmonella typhimurium* excretion in young calves, 67
RUANE, M. *See* CAWDERY, M. J. H., 328
Rumenitis, 587
RUSS, R. G. *See* WILSON, J. B., 87
RYAN, A. J.: Abortion in cattle associated with bacillus licheniformis, 650
RYDER, M. L., *et al.*: A ram with posterior duplication, 769
RYDER-DAVIES, P.: Soay and St. Kilda sheep, 608 (C)

S

Safety precaution schemes, 19
— — for pesticides and veterinary products, 296 (P)
SAINSBURY, D. W. B.: Poultry housing, 552
ST. JOHN, S.: Treatment of canine mammary tumours, 479 (C)
St. Kilda sheep, 608 (C)
Salmon disease in the river Tamar, 143 (P)
Salmonella, 422, 520 (C)
Salmonella dublin, 328 (C), 534 (C)
— infection, 254, 366
— — for frozen chicken, 353 (P)
— *muguga*, 259 (C)
— *typhimurium*, 67
Salmonella vaccination of adult cattle, 330 (C)
Salmonellosis, 86 (C)
SAMBROOK, P. M. F.: Annual General Meeting of S.P.V.S., 606 (C)
— R.C.V.S. conference on veterinary education, 212 (C)
SAMUEL, R. M., *and* WILSON, M. S.: A useful dental scaler, 759 (C)
SANDER, C. J.: The Queen's English, 480 (C)
SANDOE, A. J. *See* FORSE, S. F., 506
SARGENT, A. P. *See* FLETCHER, T. J., 113 (C)
Scabies, canine, 640 (C), 757 (C)
SCARNELL, J. *See* CAMERON, J., 329
Schirmer tear test technique, 196
SCHUBERT, F. K. *See* MAIR, N. S., 69
SCHULZ, H.: The veterinary profession in West Germany, 772
Scientific developments, 87 (C)
SCOFIELD, A. M. *See* COOPER, K. J., 384
SCOTT, P. C. A.: The R.C.V.S. Council Election, 793 (C)
SCOTT, Q. A.: "Pretty pictures", 113 (C)
SCOTT, W. A.: Against enforcement, 522 (C)
Seals, conservation, 518 (P)
SEAMER, J., *and* SNAPE, T.: Tropical canine pancytopaenia and *Ehrlichia canis* infection, 375 (C)

Security, what price? 452 (C)
Sedation of cattle, 358 (C)
SELLWOOD, S. A. *See* GOURLAY, R. N., 630
SELMAN, I. E., *et al.*: The pay of veterinary teachers, 578 (C)
SENEVIRATNA, P.: Diseases of poultry, 2nd edition, John Wright, 202 (R)
Sendai virus infection, 164
Sera, bactericidal activity, 93
Serology: Quo vadis? 658 (C)
SERTH, G. W.: A possible saving on developer costs, 24 (C)
— A useful adjunct to radiography, 447 (C)
SEWELL, M. M. H.: Studies in ovine fascioliasis, 624 (C)
— *See* GALLIE, G. J., 749
Sex ratio of calves, 631 (C)
Sheep, husbandry, 129
SHERIDAN, J. P.: The stray dog problem, 383 (C), 580 (C)
SHILLABEER, E. H.: Blood sports, 481 (C)
SILCOCK, H. G.: Transmissible gastro-enteritis, 480 (C)
SILLER, W. G., *and* DUFF, R. H.: Cartilage abnormality in broiler fowls, 757 (C)
SILVEY, R. E.: The profession and blood sports, 414 (C)
SIMMONS, J. R. *See* ROBERTS, R. M., 22
SIMS, F. W.: A matter of importance, 641 (C)
SINGLETON, W. B.: The ethics of certain surgical procedures in the dog, 332
— Royal College of Veterinary Surgeons—election of Council Members, 299 (C)
— *and* PARSONS, J. H.: Proposed B.S.A.V.A. product endorsement scheme, 577 (C)
SISSONS, M. C. *See* JULIAN, R. J., 376
Skin gangrene, 239 (C)
SLATTER, C.: Milk, the cow and the consumer, 146 (C)
Slaughter, fate of animals for, 137
Slaughtering of animals, 212 (C)
SMART, A. M.: Spraying of streets with toxic substances, 520 (C)
SMETANA, P. *See* HEMSLEY, L. A., 722
SMITH, G. J. E.: Soil, plants, animals and man, 605 (C)
SMITH, H.: The rapid examination of pre-race samples of greyhounds urine and some experiences of its use, 216
SMITH, H. J.: Proposed B.S.A.V.A. product endorsement scheme, 608 (C)
SMITH, H. L.: The profession's responsibilities, 144 (C)
SMITH, I. D.: An unusual sequel to the showerdipping of sheep with diazinon, 284
SMITH, S. E. G.: Vaccination programme for horses, 214 (C)
SMYTH, J. D.: The physiology of cestodes, 78 (R)
SMYTHE, R. H.: The breeding and rearing of dogs, 76 (R)
— Hereditary defects, 240 (C)
— The P.R.A. Scheme, 54 (C)
— Surplus dog production, 550 (C)
— Tail-biting in pigs, 269 (C)
SNAPE. T. *See* SEAMER, J., 375
Soay and St. Kilda sheep, 608 (C)
Society of Practising Veterinary Surgeons, 606 (C)
Soil, plants, animals and man, 605 (C)
Spastic paresis, 694
Specialists, practising, 384 (C)
SPEER, J. L. V. *See* EVANS, O. W., 178
SPENCE, J. B. *See* GALLAGHER, J., 201
Splenectomy, 26
STAAK, C. *See* GROOCOCK, C. M., 260
STAMP, J. T., R.C.V.S. Council Election, 670 (C)
Staphylococcal pathogenicity, 376 (C)
STARTUP, F. G.: Giving science a bad name, 606 (C)
STEELE-BODGER, A.: Investigating outbreaks of disease allegedly due to feedingstuffs, 166
— The use of aerosol dyes, 24 (C)
STEPHENS, M. N.: The otter report, 202 (R)
Sterilisation of dogs, 451 (C)
STILLMAN, S. J. H.: The stray dog problem, 356 (C)
STOCKDALE, P. H. G., *et al.*: Age of infective larvae: a contributory factor in the inhibition of development of *obeliscoides cuniculi* in rabbits, 176 (C)
STOCKMAN, M. *See* STOCKMAN, V., 550
STOCKMAN, V., *and* STOCKMAN, M., R.V.C. 1949 reunion, 550 (C)
STRAITON, E. C.: This castration business: a rejoinder, 269 (C)
— The stray dog problem, 114 (C), 300 (C), 414 (C)
Stray dog problem, 114 (C), 145 (C), 180 (C), 214 (C), 300 (C), 356 (C), 383 (C), 414 (C), 480 (C), 519 (C), 550 (C), 580 (C), 643 (C)
Student behaviour, 582 (C)
Stunning, electrical 212 (C), 451 (C)
Sudden death in a cow, 641 (C)
Summary of Returns of Confirmed Outbreaks of Scheduled (Notifiable) Diseases, 52, 268, 324, 380, 445, 518, 671, 754, 787
Super Suntax, 719
Surgical procedures, ethics of, 332
SUTOR, D. J. *See* JACKSON, O. F., 335
SWAN, J. F. C.: Effectiveness of electrical stunning, 212 (C)
Swann Committee Report, 85 (C), 112 (C), 110, 133
SWARBRICK, O.: Virus pneumonia in calves, 355 (C)
SWEENEY, P. A.: The profession and blood sports, 414 (C)
Swine fever diagnosis, 646

T

Taenia saginata, 749 (C)
Tail biting in pigs, 239 (C), 269 (C)
TARVERNOR, W. D.: A matter of importance, 675 (C)
TAYLOR, D. J.: An agent possibly associated with swine dysentery 416 (C)
TAYLOR, D. M.: Feline haemobartonellosis, 357 (C)
TAYLOR, J. *See* HALL, M. L. M., 534
TAYLOR, J. A.: Abolishment of bull licensing, 607 (C)
TAYLOR, R. J. *See* RANKIN, J. D., 254, 366
Teat-dipping formulations, 506
Teatcote, 506
Temperature gradient of scrotum, 738
TENNANT, D. I. C., R.S.P.C.A. Clinics, 758 (C)
Tensilon, 562
Terramycin, 357
Tetramisole, 222
Thiacetarsamide, 91
Thibenzole, 243, 339
Thiopentone, 559
THOMAS, J. K.: The import of drugs, 522 (C)
THOMSETT, L. R.: The treatment of canine scabies, 640 (C)
THOMSON, J. K.: Electrical stunning, 451 (C)
Thrombocytopenic purpura, 630 (C)
Thrombosis, iliac, 620
Time marches on, 762 (C)
TIMONEY, J.: Salmonella give infection in cattle, 520 (C)
TODD, J. N., *et al.*: An agent possibly associated with swine dysentery, 228 (C)
TOWNSON, R. S.: The training of R.A.N.A.s, 707 (C)
Toxic substances, spraying of streets, 520 (C)
Toxocara canis, 522 (C), 581 (C)
Transitional foods, 270 (C)
TREACHER, T. T.: Growth of weaned lambs at pasture, 368
Trodax, 338, 341
Tuberculin testing, revised arrangements, 82
Tuberculosis, bovine, 110
TURNER, G. R. J. *See* GILBERT, F. R., 29
TURNER, T.: The treatment of canine scabies, 757 (C)
— Vacancies for A.N.A. trainees, 707 (C)
TWEED, W.: The R.C.V.S. Council election, 271 (C)
TYRRELL, D. A. J., *and* COID, C. R.: Sendai-virus infection of rats as a convenient model of acute respiratory infection, 164

U

UDALL, N. D. *See* ISHMAEL, J., 620
Udder, skin gangrene of, 239 (C)
UNIVERSITIES FEDERATION FOR ANIMAL WELFARE: The humane control of animals living in the wild, 201 (R)
UNIVERSITY NEWS: 82, 236, 266, 381, 411, 444, 576, 671, 705, 733, 786
— teachers salaries, 473
Unwanted animal, 708 (C)
Urine, examination of greyhounds', 216
URQUHART, G. M. *et al.*: Studies on ovine fascioliasis, 338
URQUHART, G. M. *See* ARMOUR, J., 274; REID, J. F. S., 42, 242, 539
Uterine fluid, 384 (C)
— irrigation in the cow, 271 (C), 329 (C)
— prolapse, 606 (C), 675 (C)
Uterus, congenital abnormalities. 44 (C)

V

Vaccination for equine influenza, 214 (C)
— programme for horses, 330 (C)
Vaccine, 45/20, 2
— T_1 strain broth, 29
Vaccines, live, 642 (C)

Vacutainer, 413
VAN MIERT, A. S. J. P. A. M., *et al.*: Experimental fever induced with endogenous pyrogen or lueccoytic pyrogen in goats, 177 (C)
VANNIASINGHAM, J. A. *See* GROVES, M. G., 8
Vecortenol, 357
VELAZQUEZ, D. E.: Veterinary diagnostic laboratories in Mexico, 714
VENN, A. C.: Prostate Hyperplasia, 112 (C), 146 (C)
Venous anomalies in the abdomen of a dog, 582 (C)
VERSCHOOTEN, F., *et al.* Treatment of dilatation and right abomasal displacement in cattle by pyloroplasty or pyloromyotomy, 371
Veterinary Annual, 1969, 548 (R)
"Veterinary" articles in newspaper, 642 (C)
— diagnostic laboratories, in Mexico, 714
— Education, 311, 445 (C), 566
"— endocrinology and reproduction", 762 (C)
— Field Service, 296 (P)
— Investigation Service, 16, 135, 260, 374, 539, 699
— Liaison Committee, 670
— medicine in Belgium, 105
— — cost, 235 (P)
— practice, seventy-three per cent. in, 608 (C), 707 (C)
— profession, 545 (P)
— — in Denmark, 310
— — in West Germany, 772
— — future, 88 (C), 114 (C), 213 (C), 269 (C)
— — in Switzerland, 72
— Radiologists, conference, 606 (C)
VETERINARY RECORD, cover, 113 (C), 145 (C)
— surgeons, use of, 271 (C)
— teachers, pay, 578 (C)
Victoria Veterinary Benevolent Fund, 107, 760 (C)
Viruses in chicken carcasses and eggs, 638 (P)
Vomiting and wasting disease in pigs, 278

W

WADDINGTON, F. G.: The Queen's English, 416 (C)
WALKER, R. G. *See* DOUGLAS, S. W., 743
WALLEY, J. K.: Tetramisole and oxyclozanide in combination in the treatment of gastro-intestinal worms, lungworms and liver fluke (*Fasciola hepatica*) in sheep, goats and cattle, 222
WALLIS, A. S.: Desease Poultry: principles of control, 3; vaccination, 425
WANDERA, J. G.: Progressive interstitial pneumonia (Maedi) of sheep in Kenya, 434
WANNOP, C. C. *See* BUTLER, E. J., 617
WARD, R. K.: A matter of importance, 641 (C)
Warfarin-resistant rats in Wales, 352 (P)
— — rodents in Scotland, 545 (P)
WATKINS, J. Virus treatment of leukaemia and cancer, 452 (C)
WATSON, J. G. C.: Surgical removal of leiomyoma of the small intestine of the dog, 125
— The training of R.A.N.A.s, 794 (C)
WATT, J. A. *See* MACLEOD, N. S. M., 376
"Webster Terrier", 145 (C)
WEIR, E. C.: Venous anomalies in the abdomen of a dog, 582 (C)
WEISMAN, J.: Detection of antibodies in the colostrum of cows experimentally infected with *Dictyocaulus viviparus*, 633 (C)
WELCH, A. G., *and* BONNAUD, Z.: Blood sports, 449 (C)
WELCH, R.: The profession's responsibilities, 144 (C)
Whirling disease, 258
WHITE, D. S., *et al.* Serology: Quo vadis? 658 (C)
WHITE, J. B.: Skin gangrene of the bovine udder, 239 (C)
WHITE, R. C.: The profession and blood sports, 414 (C)
— *See* DAWSON, J. R. B., 452
WHITFIELD, G. D. *See* COLES, B. H., 550
WHITNEY, J. C.: Proposed association of morbid anatomists, 55 (C)
WICHT, J. DE V. *See* ALLAN, W. H., 44
WICKHAM, R. A. *See* FOWLER, N. G., 106
WICKS, B.: "Pretty Pictures", 145 (C)
— Professional discount, 54 (C)
WIENER, G., *and* MACLEOD, N. S. M.: Breed, body weight and age as factors in the mortality rate of sheep following copper injection, 740
WIGGINS, G. S.: The future of the profession, 114 (C), 269 (C)
WILDING, G. P. *See* HYETT, M. D., 643
Wildlife control and preservation, 776 (P)
— conservation, 606 (C), 640 (C)
— environment, 236
WILKINSON, E.: The R.C.V.S. Council election, 300 (C)
WILKINSON, G. T.: Feline infectious peritonitis, 674 (C)
WILLIAMS, E. I.: Lateral luxation of the patella, 480 (C)
WILLIAMS, P. C.: The price of books, 582 (C)
WILLIAMS-SMITH, H.: The Report of the Swann Committee, 112 (C), 133
WILLIAMSON, H. D. *See* DOUGLAS, S. W., 116
WILSON, J. B., *et al.*: Lincomycin in enzootic pneumonia of pigs, 86 (C)
WILSON, M. S. *See* SAMUEL, R. M., 759
WINCH, M. D. *See* DALTON, J. R., 240
Wing repair, natural, 792 (C)
WISE, D. R. *See* CHU, H. P., 661
WISEMAN, A. *See* SELMAN, I. E., 579
WISEHART, D. F. *See* HIGNETT, P. G., 528
WOOD, D.: The importance of husbandry, 182 (C)
WOODFORD, P., *ed.*: Scientific writing for graduate students, 78 (R)
World Veterinary Congress, 19th, 55 (C)
— Poultry Congress, 14th, 636
WORRALL, E. E. *See* ROBERTS, R. S., 629
WRAGG, S. R.: The economics of intensive livestock production, 33
WRIGHT, J.: Demodectic mange in the dog, 178 (C)
— Management of quarantine kennels, 24 (C)
WRIGHT, N. G.: Interstitial nephritis in a dog associated with infectious canine hepatitis virus, 92

Y

Yersinia enterocolitica infection, 69
YOUNG, M., R.C.V.S. Council Election, 761 (C)
YOUNG, N. E.: Pulmonary aspergillosis in the lamb, 790 (C)

Z

ZLOTNIK, I., *et al.*: A method of testing the efficacy of louping-ill vaccines in sheep, 659 (C)
ZUCKERMAN, *Sir* S.: The reviewing of scientific books, 610

Errata, 21, 111, 237

Printed by H. R. GRUBB LTD., Imperial Way, Croydon, Surrey.

The Veterinary Record

Founded by WILLIAM HUNTING, F.R.C.V.S., in 1888

The JOURNAL of the BRITISH VETERINARY ASSOCIATION

LIBRARY

VOLUME 87

July to December 1970

THE BRITISH VETERINARY ASSOCIATION
7 Mansfield Street, Portland Place, London, W.1

Concordance of Pages with Issues

The following table gives a key to the dates of issue and page numbers of the 1970 volume of THE VETERINARY RECORD up to the end of December.

Pages	Date	No.
1-32	July 4	1
33-60	„ 11	2
61-92	„ 18	3
93-120	„ 25	4
121-148	Aug. 1	5
149-176	„ 8	6
177-224	„ 15	7
225-248	„ 22	8
249-276	„ 29	9
277-300	Sept. 5	10
301-332	„ 12	11
333-366	„ 19	12
367-394	„ 26	13
395-422	Oct. 3	14
423-450	Oct. 10	15
451-486	„ 17	16
487-520	„ 24	17
521-560	„ 31	18
561-600	Nov. 7	19
601-638	„ 14	20
639-670	„ 21	21
671-702	„ 28	22
703-732	Dec. 5	23
733-764	„ 12	24
765-788	„ 19	25
789-812	„ 26	26

INDEX TO VOLUME 87, 1970

Names and authors are printed in capitals. Entries for Abstracts, Correspondence, Digests, Parliamentary Questions and Reviews are indicated by the use of the symbols (A), (C), (D), (P) and (R) respectively.

A

ABBOTT, A. V. H. G.: Apathy, 60 (C)
— The use of immobilon, 701 (C)
Abnormalities, congenital, 222 (C)
Abomasum, displacement, 69, 223 (C)
Abortion, 519 (C)
— fungal, 201 (A)
— in sheep, 775
Acepromazine Maleate, 502
Acetylpromazine, 353
ACRED, P., *et al.*: Experimental infection and diagnosis of tuberculosis in the Rhesus monkey (A)
ADAMS, A. J.: The use of immobilon, 560 (C)
ADAMS, S. H.: Equine colic, 599 (C)
Addresses of disease infected premises, 29, 57, 118, 145, 246, 272, 299, 330, 394, 419, 449, 482, 515, 596, 697, 759, 810
ADRICHEM, P. W. M. VAN: Long term effects of controlling internal parasites in young cattle, 675
Aelurostrongylus abstrusus, 206 (A)
Agalactia syndrome, 768
Agar gel diffusion test, 92 (C)
Agricultural guaranteed prices, 449 (P)
Agriculture, has it any future, 487
Aimax, 425
ALDERMAN, G.: Nutrition as a possible cause of infertility in cattle, 35
ALEYAS, N. M. *See* GEORGE, P. O., 231
ALLEN, A. M.: Humane slaughter, 635 (C)
ALLEN, P. S. C.: The use of lay personnel for blood collection, 669 (C)
ALLEN, W. M., *et al.*: Experimentally induced acute stress syndrome in Pietrain pigs, 64
— *et al.*: Plasma levels of muscle enzymes in the Pietrain pig in relation to acute stress syndrome, 410 (C)
Almax, 227
Amputation of the digit, 610
Anaemia, feline infectious, 305, 366
Anal sac, dilated, 136
Analgesic-tranquilliser mixture, 498
Anaphylaxis, 173 (C)
ANDERSON, R. S.: Nutrition of the greyhound, 205 (A)
ANDERSON, T. S.: Brucellosis eradication, 176 (C)
Animal Diseases communicable to humans, 594 (P)
— — encountered at meat inspection, 1960-1968, 234
— Health Division, 88, 696
— Nursing Auxiliaries, 120 (C)
— research, 632 (P)
ANNISON, E. F.: The biological consequences of environmental pollution, 196 (A)
Anoestrus and suboestrus in cattle, 34
Anthisan, 744
Apathy, 60 (C), 118 (C)
APPLEBY, E. C.: Communications and the veterinary profession, 207 (C)
ARCHARD, M. V.: Ovario-hysterectomy in the bitch, 728 (C)
Architecture of farm buildings with special reference to housing of beef and dairy cattle and pigs, 196 (A)
ARMOUR, J., *and* CORBA, J.: The anthelmintic activity of Rafoxanide against immature *Fasciola hepatica* in sheep, 213 (C)
ARTHUR, G. H.: Consultation services available on problems of reproduction—present and future, 199 (A)
—, *et al.*: Comparative paediatric study group, 248 (C)
— *See* MARR, A., 59
Artificial insemination, do it youfself, 422 (C)
Ascaridia galli, 725 (C)
ASPLIN, F. D.: Examination of sera from wildfowl for antibodies against the viruses of Duck Plague, Duck Hepatitis and Duck Influenza, 182

B

Bacterial agglutinins, 380 (C)
— diseases, 39
Badgers, 747 (P)
BAILEY, J. B. *See* CHRISTIE, D. W., 265
BAKER, I. D., *and* PRICE, C. J.: The use of immobilon, 727 (C)
BAKER, K. P., Parasitic skin diseases of dogs and cats, 452
— *and* GRIMES, T. D.: Cutaneous lesions in dogs associated with hookworm infestation, 376
BALNER, H., *and* BEVERIDGE, W. I. B., *eds.*: Infections and immunosuppression in sub-human primates, 688 (R)
BAN, N. E. DE: Castration of horses and complications arising from this procedure, 502
BANKS, A. W. *See* PARFITT, J. W., 180
BARBER-LOMAX, A. J.: "Rural medicine," 366 (C)
BARBER-LOMAX, J. W.: The Central Veterinary Society, 762 (C)
BARNETT, M., *and* BUSHBY, S. R. M.: Trimethoprim and the sulphonamides, 43
BEDFORD, P. G. C.: Feline infectious anaemia in the London area, 305, 366
— *and* CLARKE, E. G. C.: A new syndrome in cats, 699 (C)
Bedsonia respiratory infection, 790
Behaviour in tropical environments, 195 (A)
— observation and recording, 194 (A)
BELL, E. T. *See* CHRISTIE, D. W., 265
BELL, H.: Tetanus, 763 (C)
BERRETT, S. *See* ALLEN, W. M., 411
BETTERIDGE, K. J.: The veterinary medical data programme, 600 (C)
— *See* WRATHALL, A. E., 226
BEVERIDGE, W. I. B. *See* BALNER, H., 688
BEYNON, A. G.: Future planning for foot-and-mouth disease control, 209 (A)
Bezalkonium Chloride, 455
Bifuran. 652
BIGGS, P. M., *et al.*: Field trials with an attenuated cell associated vaccine for Marek's Disease, 704
Biochemical screening, 203 (A)
BLACKLER, P. M. B.: An effective agent against pseudomonas infections, 520 (C)
BLAKEMORE, W. F., *and* TAYLOR, D. J.: An agent possibly associated with swine dysentery, 59 (C)
BLAMIRE, R. V., *et al.*: A review of some animal diseases encountered at meat inspection 1960-1968, 234
BLANDFORD, T. B., *and* ROBERTS, T. A.: An outbreak of botulism in broiler chickens, 258
BLANE, G. F. *See* CROOKS, J. L., 498
BLEBY, J.: Laboratory animal husbandry in the undergraduate veterinary curriculum, 764 (C)
Blood and fluid transfusions in small animal practice, 191 (A)
— pressure measurement, 349
— sampling, 57 (C), 92 (C), 485 (C), 559 (C), 598 (C), 636 (C), 669 (C)
— testing, 421 (C)
— urea, 127
BOAG, B. *See* THOMAS, R. J., 70
BOLDERO, M. K. *See* WISE, D. R., 506
Border disease of sheep, 38
BOSWOOD, B. *See* KYDD, A. M., 518
Botulism in broiler chickens, 258
BOWEN, J. *See* ARTHUR, G. H., 248
BOWEN, P. D. G.: Deaths through careless disposal of insecticide, 788 (C)
BOX, P. G., *et al.*: Response of chickens vaccinated with live infectious bronchitis virus vaccine to killed Newcastle Disease Vaccine, 292 (C)
BRANDER, G. C.: National and international veterinary drug standards, 191 (A)
Breeding abnormalities in pigs, 778
Bright blindness, 760 (C)
BRISTOL UNIVERSITY, 115, 480
British Cattle Veterinary Association, 59 (C)
BRITISH VETERINARY ASSOCIATION:
— Association News, 25, 55, 85, 139, 167, 216, 243, 327, 413, 442, 475, 509, 553, 630, 661, 690, 720, 754, 784, 808
— Congress, 76, 276 (C), 385, 416
— — opening, 358
— — Commercial Exhibition, 322
— — Congress Papers: *Summaries of these will be found in a special supplement on pages* 189-212 *of the issue for August* 15*th*, 1970.

— President, 382
— — address, 367
— Treasurer, 390
BRITT, D. P.: Course for veterinary technicians, 120 (C)
Broadcasters, service for, 636 (C)
BROCKIS, D., *et al.*: A new syndrome in cats, 638 (C)
BROCKLESBY, D. W.: *Haemobartonella bovis* detected in the blood of British cattle, 761 (C)
Bronchitis, infectious, 292 (C), 504 (C), 729 (C)
Bronvirin No. 1, 292
BROOK, A. B.: The role of the practising veterinary surgeon in modern pig husbandry, 310
BROOK, D.: Tetanus in horses, 700 (C)
BROWN, A. G. G.: Meat exports, 764 (C)
BROWN, P. L.: Humane slaughter, 597 (C)
Brucella, 101
Brucellosis 86 (P), 115 (P), 142 (P), 148 (C), 170, 176 (C), 271, 404, 593(P), 633 (P)
— eradication, 30 (C), 31 (C), 58 (C), 118 (C), 422 (C)
— incentives scheme, 83
— as an occupational disease, 486 (C)
BRYANS, J. T., *and* GERBER, H., *eds.*: Equine infectious diseases, 2, 241 (R)
BUCHANAN, J. W.: Clinical pathological correlation of an equine cardiac arrhythmia, 331 (C)
BUISSON, F. DU MESNIL DU, *and* SIGNORET, J. P.: Reproductive physiology and artificial insemination in pigs, 562
BURGESS, D.: Horse pox, 147 (C)
— Two conditions in thoroughbred foals, 32 (C)
BUSHBY, S. R. M. *See* BARNETT, M., 43
BUTTERFIELD, R. M., *and* MATTHEWS, G. R.: Mare is a four letter word, 787 (C)
BUXTON, P.: Use of lay personnel for blood collection, 559 (C)
BUYS, J. *See* ILEMOBADE, A. A., 762
BYWATER, H. E. C. *See* ACRED, P., 206

C

C. pyogenes?, 519 (C)
CAGIENARD, B.: Hairball in the pig, 92 (C)
CAIN, T. M. *See* BOX, P. G., 293
Calcium Cyanide, 373
CALDER, H. A. McC. *See* HOVELL, G. J. R., 184
CALLEAR, J. F. F.: Opportunities in Western Europe, 201 (A)
Calves and fowls, 784 (P)
— (export to Belgium), 697 (P)
—, welfare of exported, 757 (P)
CAMBRIDGE UNIVERSITY, 28
Campanologists, invitation to, 224 (C)
CAMPBELL, C. K., *et al.*: Cryptococcosis in a cat, 406
CAMPBELL, J. R., *and* WATTS, C.: Blood urea in the bovine animal, 127
Candidasis, 656
Canine Topics, 53, 239, 295, 475, 591, 661
Carbachol, 425
CARBERY, J. T.: Correlation between total serum protein and albumin/globulin ratio in malnourished brown trout, 175 (C)
Carbon monoxide poisoning, 107
Cardiac arrhythmia, 331 (C)
CARDING, T.: Slaughter of pigs in Eire, 637 (C)
CARTER, H. E.: A service for broadcasters, 636 (C)
CARTER, J. G. *See* KIRKBRIDE, L. M., 643
CARTMELL, W. B.: Proposed scheme for tattooing and registering dogs, 560 (C)
CASTELINO, J. B., *et al.*: A survey of the prevalence of *hyostrongulus rubidis* in breeding pigs slaughtered in North Wales, 256
Castration of horses, 502
Cats, new syndrome in, 518 (C), 638 (C), 699 (C)
Cattle Plague Association, 312
Caviare Pâte pleuronectes, 520 (C)
Central Veterinary Society, 625, 762 (C)
CHEERAN, J. V. *See* GEORGE, P. O., 231
Cheetahs, 794
CHEW, K. H.: Multiple congenital abnormalities in a Holstein calf, 222 (C)
Chloromycetin, 305
— ophthalmic ointment 1%, 306
Choosing words, 597 (C)
CHRISTIE, D. W., *et al.*: The collection of vaginal smears from the Beagle bitch, 265 (C)
CHUBB, R. C. *See* BIGGS, P. M., 704
CHURCHILL, E. A. *See* BIGGS, P. M., 704
CHUTE, A. V.: The pig health scheme—a breeder's view, 193 (A)
CLARKE, E. G. C. *See* BEDFORD, P. G. C., 700
CLARKE, R. *See* ARTHUR, G. H., 248
Clinistix, 797
Clostridium oedematiens, 91 (C)
Cobalt, effect on weight, 771
Coital exanthema, equine, 91 (C)
Colic, equine, 497, 599 (C)
Communications, 207 (C)
Complement fixation test, 790
Congenital defect in poodles, 520 (C)
Conjunctivitis, 794
Conray, 280, 287
COOK, W. R.: Instrument specifications for endoscopy of the equine upper respiratory tract and eustachian tube diverticulum, 429
COOMBS, R. R. A.: Immunology—present day attitudes, 620
COOPER RESEARCH ORGANISATION: Cattle tick control, 517 (R)
COOPER, J. E.: Use of the hypnotic agent "Methoxymol" in birds of prey, 751
— *and* BRAMLEY, P.: The Wild Birds (Importation) Order, 60 (C)
Contagious Ecthyma, 766
Copper, effect on weight, 771
CORBA, J. *See* ARMOUR, J., 214
CORBEL, M. J. *See* CULLEN, G. A., 101
CORDOVA, L. F. DE. *See* HIDALGO, M. A., 161
CORNWELL, H. J. C. *See* WRIGHT, N. G., 109
Corpus luteum, 119 (C)
Correlative medicine, 811 (C)
CORRIGAN, R. B.: The use of S.19 in adult cattle, 91 (C), 147 (C)
Corticosteroids, peri-articular infiltration, 31 (C)
COWARD, T. G.: Ovario-hysterectomy in the bitch, 728 (C)
COWIE, R. S.: Preventive medicine in relation to the beef herd, 205 (A)
CRIGHTON, G. W., *and* WILKINSON, G. T.: A disease of goslings new to Britain, 58 (C)
— *See* ARTHUR, G. H., 248
CROOKS, J. L., *et al.*: The use of a new analgesic-tranquilliser mixture in dogs, 498
CROSSMAN, P. J. *See* DONNELLY, J., 729
CROWLEY, A. J. *See* BLAMIRE, R. V., 234
Cryptococcosis in a cat, 406
CULLEN, C. S.: The use of immobilon, 668 (C)
CULLEN, G. A., *and* CORBEL, M. J.: Observations on some possible causes of variation in the titre of *Brucella* Antibodies in cattle, 101
Current Science Abstracts, 24, 112, 138, 215, 294, 321, 384, 412, 440, 552, 629, 659, 689, 753, 782, 807
Cutaneous lesions associated with hookworm, 376
Cyanide-poisoned earth at Headley, 594 (P)
Cyst, intra-cranial epidermoid, 133
CZIPRI, D. A.: The efficiency of a paste formulation of hexachlorophene against *Fasciola hepatica* in sheep, 531

D

DALTON, R. G.: Problems associated with the adaptive processes of newborn ruminants, 210 (A)
— *See* ARTHUR, G. H., 248
DAVIES, E.: The production and distribution of milk in the 19th century, 710
DAWES, H. W.: The V.V.B.F. Christmas Gift Fund, 699 (C)
DAWSON, F. L. M.: Husbandry practices and veterinary problems, 332 (C)
DAWSON, P. S.: The involvement of milk in the spread of foot-and-mouth disease: an epidemiological study, 543
— *See* HEDGER, R. S., 186
Death, sudden, 669 (C), 731 (C)
Dermatitis, contagious pustular, 766
DEW, S. M. *See* PAYNE, J. M., 150
Digit, amputation, 610
Dimycin, 503
Dipetalonema gracile, 538
Dirofilaria repens, 422 (C)
DJURICKOVIC, S., *and* THORSEN, J.: Experimental immunisation of sows against transmissible gastroenteritis, 62
DNOC, metabolism, 19
DODD, F. H. *See* KINGWILL, R. G., 94
DODD, K., *and* MURPHY, E.: *Dipetalonema gracile* in a Capuchin Monkey (Cebus capucinus), 538
Dog licences, 115 (P)
DONE, J. T. *See* WRATHALL, A. E., 226

DONNELLY, J., *et al.*: An outbreak of redwater on a farm in Sussex, 729 (C)
DOUGLAS, S. W. *See* WALKER, R. G., 287
Down with dogs?, 248 (C)
Drought in South Western Australia, 798
Drugs, antiviral, 208 (A)
— economics, 191 (A)
— standards, 191 (A)
Dry cow therapy, 409 (C)
DUBLIN UNIVERSITY, Trinity College, 86, 116
— — University College, 329, 513
DUCKER, D. J.: Foie Gras fish, 486 (C)
Ducks, examination of sera, 182
Dursban, 221 (C)
Dysplasia, retinal, 178

E

EARLY, J. L.: How to roll a pill, 366 (C)
EDGAR, J., *and* KENNEDY, A. J.: The use of embryotomes, 118 (C)
EDGSON, F. A.: Clinical aspects of anoestrus and sub-oestrus in cattle, 35
— *See* MARR, A., 59
EDINBURGH UNIVERSITY, 481, 758
EDINGTON, N., *and* JACOBS, J. W.: Respiratory syncytial virus in cattle, 763 (C)
Editorials:
In the sun or in the shade?, 1
Communication, 33
Unnecessary wordage?, 61
Towards control of mastitis, 93
Exchanges, 121
R.C.V.S. Trust Fund Appeal, 149
Bal Masque, 177
Services rendered, 225
Professional Journals and rising prices, 249
Pollution in perspective, 277
Congress and Common sense, 310
Why not London?, 395
A B.V.A. New Year, 423
Don't shoot the pianist, 451
Ten years have passed, 521
First things first, 561
Restrictive practices in the Profession, 601
Students on B.V.A. Council, 639
University discontents, 671
Export of live calves, 703
Language and human relations, 733
Here's Richness, 765
Looking back and looking forward, 789
Education, veterinary 207 (A)
EDWIN, E. E.: Plasma enzyme and metabolite concentrations in cerebrocortical necrosis, 396
Effluent disposal 203 (A)
Egg-bound, 788 (C)
Electrically-induced ejaculation, 38
Electro-ejaculation in the ram, 200 (A)
ELKAN, E.: Management of exotic pets. 3. The management and pathology of amphibians and reptiles, 197 (A)
ELLIS, P. R.: Opportunities in tropical areas, 201 (A)
Embryotomes, 118 (C)
Endoscopy of equine respiratory tract, 429
Enteritis, necrotic, 366 (C), 597 (C)
Equatorial environment, British sheep in, 37
Equine recumbancy, 195 (A)
Erysilin, 655
Erythrocytes, 109 (C)
ESPLEN, W. B. *See* CAMPBELL, C. K., 406
Europe, opportunities in, 201 (A)
European Economic Community, 147 (C), 558
— — veterinary surgeons and, 539
— Union of Practising Veterinary Surgeons, 28, 56, 598 (C)
— Union of Veterinary Practitioners, 512
EVANS, J. M., *and* SAVAGE, T. J.: The collection of vaginal smears from bitches, 598 (C)
EWBANK, R.: Laboratory Animal Husbandry in the Undergraduate veterinary curriculum, 637 (C)
— The watcher and the watched: observational and recording methods in domesticated animal behaviour, 194 (A)
Exchanges, 223 (C)
— *see also* Hospitality offered and received, 87, 121, 219, 271, 635, 785
"Explosions", dorso-lateral, 737
EYRE, P. *See* WELLS, P. W., 175

F

FABER, G. L. *See* SHANE, S. M., 597
FACER, J.: Humane slaughter, 635
Farm buildings, conversions, 672
— Animal Welfare Advisory Committee, 696 (P), 722 (P)
Farmer's lung antibiotics, 559 (C)
Farming Abstracts, 23, 53, 75, 112, 138, 166, 215, 239, 267, 295, 320, 357, 383, 411, 441, 473, 508, 551, 590, 628, 658, 688, 719, 753, 782, 806
Fasciola eggs, method for counting, 180
— *hepatica*, 110 (C), 213 (C), 278, 531
Fascioliasis, 370
FAULKS, M. *See* PAYNE, J. M., 150
FENNELL, C.: For users of radio telephones, 700 (C)
FERGUSON, W.: Adaptive behaviour of cattle to tropical environments, 195 (A)
FERNANDO, M. *See* WIJEWANTA, E. A., 282
Fertility, clinical examination of rams, 200 (A)
FIELD, J.: Brucellosis eradication, 30 (C), 118 (C)
Fish cultivation, 209 (A)
— diseases, 402, 529
— farming, 522
— — techniques, marine, 632 (P)
— inspection, 525
FISHER, E. W. *See* SELMAN, I. E., 204
Fistula, abomaso-umbilical, 803
Flukanide, 110
Fluothane, 184, 353, 425
Foal, newborn, 37, 210 (A)
Foals, two conditions in, 32 (C)
Foie Gras fish, 486 (C)
Folligon, 425
Foot-and-mouth disease 186, 209 (A), 543
FOSTER, S. J.: Blood and fluid transfusions in small animal practice, 191 (A)
FOSTER, W. N. M. *See* ARTHUR, G. H., 248
Fowl pest, 599 (C), 633 (P), 670 (C), 696 (P), 723 (P), 731 (C)
— — in Scotland, 665 (P)
FRANK, C. J.: Equine colic—a routine modern approach, 497
FRANKS, P. W.: An instrument for taking cervical swabs from mares, 175 (C)
— Tendon and ligament injuries to racehorses, 637 (C)
FRASER, A. F.: Clinical examination of rams for fertility, 200 (A)
FRASER, D. McK.: Ornithosis in man, 702 (C)
FREW, J. *See* HILL, F. W. G., 250
FRIEDBERGER, J. C.: Modern horse training methods—what is justifiable?, 229
Fulcin, 119
FULLER, J. R. *See* WISE, D. R., 506
FUNNELL, H. S. *See* PLATONOW, N. S., 787

G

Gamexane, 307
GARNER, E. J. A. *See* WELLS, B. T., 421
GARNER, R. J.: Down with dogs?, 248 (C)
GARSIDE, J. S.: Fowl pest, 670 (C)
Gastroenteritis, 62
Genebile, 744
GEORGE, P. O., *et al.*: Necrosis of the tail in bovine animals, 231
GERBER, H. *See* BRYANS, J. T., 241
GIBBONS, D. F.: The changing patterns of disease in large intensive dairy herds, 208 (A)
GIBBONS, W. J., *et al.*: Bovine medicine and surgery, 242 (R)
GIBBS, E. P. J., *et al.*: The differential diagnosis of viral skin infections of the bovine teat, 602
— *et al.*: Equine coital exanthema in the U.K., 91 (C)
GIBSON, W. W. C. "Dick" Alumnus dinner, 248 (C)
Giemsa, R., 66, 305
GILL, A. R. *See* BROCKIS, D., 638
GILLMAN, T.: Some basic mechanisms in the healing of cutaneous wounds, 208 (A)
GINSBERG, A.: An appraisal of poultry inspection and dressing, 800
GITTER, M., *and* SOJKA, W. J.: *S. dublin* abortion in sheep, 775
GJEDREM, T.: The Norwegian breeding scheme for sheep, 211 (A)
GLASGOW UNIVERSITY, 481
GLEN, J. B.: Indirect blood pressure measurement in anaesthetised animals, 349

Glossitis, 794
Glucose toxicity, 797
GOIS, M. *See* ROBERTS, D. H., 215
GOODHAND, R. H. *See* BLAMIRE, R. V., 234
GOODWIN, R. F. W., *and* PRYOR, J. E.: Direct isolation of *mycoplasma suipneumoniae* on solid medium from pneumonic lesions in pigs, 726 (C)
Gosling disease, new, 58 (C)
GOULD, C. M.: Metabolic profiles, 731 (C)
GOURLEY, J. *See* ARTHUR, G. H., 248
GRAHAM-JONES, O.: Zoonoses from exotic animals, 195 (A)
Grass seed, death from, 450 (C)
GREEN, C. J.: Techniques of microvascular surgery, 206 (A)
GREGG, J. R.: Laboratory animal husbandry in the undergraduate veterinary curriculum, 812 (C)
Greyhound, dislocated and broken toes, 205 (A)
GRIFFIN, J. F. T. *See* NUNN, W. R., 381
GRIFFIN, T. K. *See* KINGWILL, R. G., 94
GRIFFITHS, I. R.: A syndrome produced by dorso-lateral "Explosions" of the cervical intervertebral disc, 737
GRIMES, T. D. *See* BAKER, K. P., 376
Griseofulvin Mycelium, 119 (C)
GROSE, R. M. R. *See* HARDWICK, A. G., 421
Gumboro disease, 92 (C)
GUVEN, S. *See* ROBERTS, R. S., 91

H

Haemagglutinins, natural, 109 (C)
Haemobartonella bovis, 761 (C)
Haemophilus infection in pigs, 399
Haemorrhagic bowel syndrome, 742
HAGUE, P. H. *See* MAWDESLEY-THOMAS, L. E., 133
Hairball in the pig, 92 (C)
HALL, L. W. *See* WEAVER, B. M. Q., 764
HALL, S. A.: Veterinary history, 192 (A)
HAMILTON, J. M.: *Aelurostrongylus abstrusus* infection in the (laboratory) cat, 206 (A)
HANNAN, J. *See* TIMONEY, J., 158
HARBOURNE, J. F., *et al.*: Farmer's lung hay antibodies in cattle, 559 (C)
HARDIE, H.: Mortality associated with Gumboro disease, 92 (C)
HARDING, J. D. J. *See* ALLEN, W. M., 64, 411
HARDWICK, A. G., *and* GROSE, R. M. R.: Lay personnel for blood testing, 421 (C)
HARRIS, A. H. *See* BIGGS, P. M., 704
HARRISON, J.: Food moulds and their toxicity, 202 (A)
HART, A. W.: B.V.A. Congress, 276 (C)
— With respect, 700 (C), 757
HARTHOORN, A. M.: The flying syringe, 687 (R)
HARTIGAN, P. J. *See* NUNN, W. R., 381
HARVEY, D. G. *See* JEGATHEESWARAN, T., 20
HEAD, K. W.: Pathology of the skin, 460
HEARD, T. W.: The adaptive processes of the newborn pig, 210 (A)
HEDDLESTON, K. L. *See* STALHEIM, O. H. V., 135
HEDGER, R. S., *and* DAWSON, P. S.: Foot-and-mouth disease virus in milk: an epidemiological study, 186
HENDERSON, W. M.: Metabolic profiles, 635 (C)
HEPHERD, R. Q.: The mechanisation of farm effluent handling and disposal, 203 (A)
HERBERT, I. V. *See* CASTELINO, J. B., 256
Herbicide, deaths through, 731 (C)
Herpesvirus respiratory infection, canine, 108 (C)
HERRIOT, J.: If only they could talk, 587 (R)
Hexachlorophene, 531
HEYWOOD, R., *and* WELLS, G. A. H.: A retinal dysplasia in the beagle dog, 178
HIDALGO, M. A., *et al.*: A simplified treatment of trichomoniasis in a bull, 161
HIDDLESTON, W. A.: The use of grisofulvin mycelium in equine animals, 119 (C)
Highland and Islands Veterinary Services Scheme, 757 (P)
HILDEBRAND, W. R. P.: Humane slaughter in Northern Ireland, 518 (C)
— Veterinary and allied aspects of meat production. 3. The role of the abattoir, 193 (A)
HILL, F. W. G.: Malabsorption in dogs, 495
— *et al.*: A xylose absorption test for the dog, 250
HILL, P. G. E.: Do-it-yourself A.I., 422 (C)
HILL, W.: Hybridisation in pigs, 201 (A)
HILLIDGE, C. J.: The use of immobilon, 669 (C)
HIME, J. M. *See* WEIR, B. J., 92
HOLMES, R. J.: Lambing behaviour in a Q fever-infected flock, 194 (A)
Homidium chloride, 761
Homocytotropic antibodies, 173 (C)
Hookworm, 376
HOOPER, R. S.: The recovery of *salmonella dublin* from rivers in Anglesey, 583
Hormones in beef production, 734
Horse Breeding Act, 1948, 224 (C)
— pox, 147 (C)
— training methods, 229, 299 (C)
Hospitality offered and received, 28, 87, 121, 219, 271, 635, 785
Hospitals, veterinary, 493
HOSSEINION, M., *and* JORDAN, W. J.: Surgical correction of displacement of the abomasum without suturing, 69
HOUSTON-BOSWALL, T.: Tattooing of dogs, 732 (C)
HOVELL, G. J. R.: Electro-ejaculation in the ram, 200 (A)
— Laboratory animal husbandry in the undergraduate veterinary curriculum, 700 (C)
— Observations on electrically-induced ejaculation in rams, 38
— *et al.*: A method of venipuncture in the cat, 184
How to roll a pill, 366 (C)
HOWARD, D. A.: The effects of cobalt and copper treatment on the weight gains and blood constituents of cattle in Kenya, 771
HOWAT, M.: Dislocated and broken toes in the greyhound, 205 (C)
HOWELL, D. G.: Trends and perspectives in veterinary education, 207 (A)
HUGH-JONES, M. E.: Salmonellosis and V.I.D.A., 1969, 275 (C)
HUGHES, L. E. *See* ARTHUR, G. H., 248
Husbandry practices, 332 (C)
HYNE, R. H. J. *See* SABINE, M., 794
Hyostrongylus rubidus, 245
Hybridisation, 201 (A), 202 (A)

I

"If only they could talk", 275 (C), 300 (C)
IKEME, M. M.: Retarded metamorphosis in larvae of *Ascaridia galli* following repeated challenge of poultry with infective eggs, 725 (C)
ILEMOBADE, A. A., *and* BUYS, J.: The isolation of a strain of Trypanosoma vivax resistant against Novidium from cattle in Northern Nigeria, 761 (C)
Immobilon, 518 (C), 560 (C), 600 (C), 637 (C), 668 (C), 669 (C), 701 (C), 727 (C), 763 (C), 764 (C), 811 (C)
Immunoglobulin, 204 (A)
Immunology, 620
Infertility, 34
Influenza, equine, 695
Injections, intramuscular, 519 (C)
INNESS, J. F.: The E.E.C. and ourselves, 147 (C)
Innominate bone, fracture, 643
Inovulation, artificial, 665 (P)
Insecticide, careless disposal, 788 (C)
Insemination, artificial, 562
Intensive dairy herds, 208 (A)
— husbandry, 594 (P)
International Veterinary Committee on Equine Influenza, 27
Intervertebral disc syndrome, 737
Intra-cranial cyst, 133
Intramycetin, 58, 306
Intraval, 353, 502
IRVIN, A. D.: The epidemiology of wildlife rabies, 333

J

JACKSON, E. R.: An outbreak of teat sores in a commercial dairy herd possibly associated with milking machine faults, 2
JACKSON, O. F.: The use of sterile Walpole's buffer solution pH 4·5 as a diagnostic agent and a treatment of Struvite Urolithiasis in the cat, 667 (C)
JACOBS, J. W. *See* EDINGTON, N., 762
JAMES, J. *See* ACRED, P., 206
JEFFCOTT, L. B.: The Horse Breeding Act, 1948, 224 (C)
JEGATHEESWAREN, T., *and* HARVEY, D. G.: The metabolism of DNOC in sheeep, 19
JENKINS, J. T. *See* CROOKS, J. L., 498
JENNINGS, A. R.: Animal pathology, 589 (R)
JOCHLE, W. *See* HIDALGO, M. A., 161
JOHNSON, R. H. *See* GIBBS, E. P. J., 602
JONES, D. M., *and* MANTON, V. J. A.: The use of immobilon, 701 (C)
JONES, J. E. T. *See* LAKE, S. G., 484

JONES, R. C., *and* JORDAN, F. T. W.: The exposure of day-old chicks to infectious bronchitis and the subsequent development of the oviduct, 504 (C)
JONES, R. J. *See* BROCKIS, D., 638
JONSSON, G., *and* PEHRSON, B.: Trials with prophylactic treatment of parturient paresis, 575
JORDAN, F. T. W. *See* JONES, R. G., 504
JORDAN, W. J.: The E.E.C. and ourselves, 558
— *See* HOSSEINION, M., 69
JOSS, G. E.: Libel damages for veterinary scientists, 224 (C)

K

KARST, O.: Contagious bovine pleuropneumonia: artificial reproduction, 506 (C)
KASZA, L.: Isolation and characterization of a reovirus from pigs, 681
KEELING, M. D.: Ovario-hysterectomy in the bitch, 762 (C)
KELLY, N. C. *See* CAMPBELL, C. K., 406
KELLY, W. R. *See* TIMONEY, J., 158
KENNEDY, A. J.: Preventive medicine: assessment of clinical achievement, 90 (C)
— *See* EDGAR, J., 118
Ketosis, 290
KEULEN, A. VAN: The profession in the Netherlands, 536
KEYMER, I. F.: Psittacosis (Ornithosis) in man, 636 (C)
KIDDER, D. E. *See* HILL, F. W. G., 250
KILKENNY, J. B., *and* SUTHERLAND, J. E.: The use of hormone administrations in commercial beef production in the U.K., 734
KINGWILL, R. G., *et al.*: The effect of a mastitis control system on levels of subclinical and clinical mastitis in two years, 94
KIRKBRIDE, L. M., *and* CARTER, J. G.: Fracture of the innominate bone in a male mongrel dog, 643
KIRKWOOD, A. C., *and* LITTLEJOHN, A. I.: Chorioptic mange of sheep, 507 (C)
KITTO, H. W.: Deaths through careless disposal of a herbicide, 731 (C)
Klebsiella infection in sows, 484
KNIGHT, B. N.: Proposed scheme for tattooing and identifying dogs, 638 (C)
KURTPINAR, H., *and* LATIF, B. M.: Paramphistomiasis of cattle and buffaloes in Iraq, 668 (C)
KYDD, A. M., *et al.*: A new syndrome in cats, 518 (C)

L

LAING, J. A.: Functional abnormalities causing infertility in cattle, 34
LAKE, S. G., *and* JONES, J. E. T.: Post-parturient disease in sows associated with Klebsiella infection, 484 (C)
Lambing, advancement, 261
Lambs, genetic improvement, 211 (A)
LANE, J.: A Warwickshire Cattle Plague Association, 312
LANE, J. G. *See* PINSENT, P. J. N., 247
LANE, P. J.: Toxic residence in sheep dips, 812 (C)
LANE, R., *and* ROBINSON, R.: The utility of biochemical screening in dogs, 203 (A)
LANNING, D. G.: The prevention of mould in compound animal feeds, 202 (A)
Large-animal practices, problems, 519 (C), 600 (C)
LARIN, N. M.: Antiviral drugs in prospect and perspective, 208 (A)
LATIF, B. M. *See* KURTPINAR, H., 668
LAUDER, M. J.: Exchanges, 223 (C)
LAWSON, D. D.: Diagnosis and prognosis of canine paraplegia, 191 (A)
LAWSON, J. B.: Some aspects of fish inspection and public health, 525
Lay personnel, 57 (C), 485 (C), 555 (C), 598 (C), 636 (C), 669 (C)
LEACH, R. H.: The occurrence of *mycoplasma arginini* in several animal hosts, 319 (C)
LEAN, I. H. *See* CASTELINO, J. B., 256
LEITCH, I. D. C. M. *See* SEAWRIGHT, D., 264
Leptospirosis, bovine, 212 (A)
— human, 212 (A)
LEWIS, C. J., *and* OAKLEY, G. A. Treatment of puerperal psychosis in sows by sedative and anaesthetic drugs, 616
Libel damages for veterinary scientist, 169, 224 (C)
Licences for cats and dogs, 633 (P)
Ligament injuries, 637 (C)
Lipidosis in plaice, 402
LITTLE, T. W. A.: Haemophilus infection in pigs, 399
— *See* WILSON, C. D., 300
LITTLEJOHN, A. I., *and* MUNRO, B.: Equine recumbency, 195 (A)
— *See* KIRKWOOD, A. C., 507
LIVERPOOL UNIVERSITY, 87, 142, 418, 481, 758, 809
LLEWELLYN, C. A.: Non-receipt of a Ministry publication, 120 (C)
LONDON UNIVERSITY, 116, 142, 219, 758
LUERY, K. W. *See* HARBOUREN, J. F., 560
Lungworm infection, 70
Lutormone, 425
Lymnaea truncatula, 278

M

MCCAIG, J.: A clinical trial using trimethoprim-sulphadiazine in dogs and cats, 265 (C)
— "Sweetitch" in horses, 450 (C)
MACDONALD, J. W., *and* MCMARTIN, D. A.: Histopathology of infectious bronchitis—a diagnostic problem, 729 (C)
MCEWAN, A. D. *See* SELMAN, I. E., 204
MCKAY, W. M.: Increase in necrotic enteritis, 366 (C)
— The use of udder card tests in sub-clinical mastitis, 176 (C)
MACKELLAR, J. C., *and* TAVERNOR, W. D.: European Union of Practising Veterinary Surgeons, 598 (C)
MCKENDRICK, M. D. *See* DONNELLY, M. D., 729
MCKEON, F. *See* WHITE, D. S., 248
MACLACHLAN, K. E.: X-ray hazards in practices, 70 (C)
MACLEAN, C. W.: The role of health control in a composite breeding scheme, 194 (A)
MCMARTIN, D. A. *See* MACDONALD, J. W., 730
MAHAFFEY, L. W.: Reproducing orthodoxy: a warning from the past, 273 (C)
Malabsorption in dogs, 495
Mange, chorioptic, 507 (C)
MANSTON, R. *See* PAYNE, J. M., 150
MANTON, V. J. A. *See* JONES, D. M., 702
Mare is a four-letter word, 787 (C)
Marek's disease, vaccine for, 704
MARR, A., *et al.*: British Cattle Veterinary Association, 59 (C)
MARTIN, C. E., *and* THRELFALL, W. R.: Clinical evaluation of hormone therapy in the agalactia syndrome of sows, 768
MASIGA, W. N. *See* WINDSOR, R. S., 670
Mastitis, 94, 568, 665 (P)
— sub-clinical, 176 (C)
MATHIESON, A. O. *See* WRAY, C., 797
MATTHEWS, R. G. *See* BUTTERFIELD, R. M., 787
MAWDESLEY-THOMAS, L. E., *and* HAGUE, P. H.: An intra-cranial epidermoid cyst in a dog, 133
MAYER, E. *See* ROSENZUAIG, A., 409
Meat, export, 699 (C), 764 (C)
— production, veterinary and allied aspects, 192 (A), 193 (A)
Medroxyprogesterone Acetate, 261
MEDWAY, W., *et al. eds.*: A textbook of veterinary clinical pathology, 687 (R)
Megimide, 788
MELROSE, D. R.: Veterinary and allied aspects of meat production. 1. Health control and other veterinary matters in relation to meat production, 192 (A)
Mercury accumulation, 786 (C)
MEREDITH, M. J.: Bacterial content of semen, collected by artificial vagina, from bulls that evert the preputial epithelium, 122
Metabolic profiles, 205 (A), 699 (C), 700 (C), 731 (C), 757
— — test, 150
Methoxymol, 751
MICHELL, A. R.: Basic science teaching in veterinary medicine: an adventure in heresy, 748
MICHNA, S. W.: Bovine leptospitosis, 212 (A)
Microvascular surgery, 206 (A)
MILES, J. R.: The racecourse medical officer, 284
Milk, production in the 19th century, 710
MILLER, J. K.: "Serology: quo vadis?", 146 (C)
MILLIGAN, I. B.: Student help in brucellosis eradication, 148 (C)
MILLS, C. F., *ed.*: Trace elements metabolism in animals, 588 (R)
MILLS, R.: Hybridisation in poultry, 201 (A)
MILNE, B. S. *See* BIGGS, P. M., 704
Ministry publication, non-receipt of, 120 (C)
MIRZAYANS, A., *and* ZAKARIAN, B.: The occurrence of *dirofilaria repens* in dogs in Iran, 422 (C)
Misuse of drugs bill, 114 (P)
MITCHELL, D. *See* WRATHALL, A. E., 226
MITCHELL, R. J.: The use of immobilon, 600 (C)
Monkey, Capuchin, 538
Monosulphirum sodium, 455
MORPHY, M. J. *See* ROSS, J. G., 278, 373
MORRIS, J. M. *See* GIBBS, E. P. J., 91

MORROW, W. T., *and* MARTIN, R. N.: Joint weekend conference NIVA-IVA at Slieve Donard Hotel, Newcastle, County Down, October 9th-11th 1970, 421 (C)
MORTON, T. C. *See* NEWCOMB, R., 803
Moulds in food, 202 (A)
MOUWEN, J. M. V. M., *and* SCHOTMAN, A. J. H.: Steatorrhoea in piglets, 172 (C)
MULLEN, P. A.: Correlative medicine, 811 (C)
Multivite, 306
MUNCH-PETERSEN, E.: Mastitis in bovine primiparae, 568
MUNRO, B. *See* LITTLEJOHN, A. J., 195
MURPHY, E. *See* DODD, K., 38
Mycoplasma arginini. 319 (C)
— *gallisepticum* antigens, 125
— *suipneumoniae*, 726 (C)
— unpreported, 214 (C)
— *WRI*, 505 (C)
MYERS, J. A., *and* STEELE, J. H.: Bovine tuberculosis control in man and animals, 241 (R)
Mylipen, 652

N

NAYLOR, D. C. *See* CAMPBELL, C. K., 406
NEAVE, F. K. *See* KINGWILL, R. G., 94
Necrosis, cerebrocortical, 396
— of the tail, 231
Neftin, 653
Nembutal, 353, 425
Neo-cytamen, "250", 306
Netherlands, veterinary profession in, 536
Neuroleptanalgesia, 764 (C)
NEWBY, T. J.: Preparative surgery, 207 (A)
Newcastle Disease control, 804
— — use of live vaccine, 809 (P)
NEWCOMB, R., *and* MORTON, T. C.: A case of abomaso-umbilical fistula in a calf, 803
News, 26, 56, 86, 113, 141, 168, 219, 244, 269, 296, 327, 363, 390, 416, 444, 478, 511, 555, 591, 631, 662, 693, 720, 754, 784, 809
Nitroxynil, 453
NORMAN, J. A.: Field assessment of veramix plus: a hormone treatment for the advancement of the lambing season and synchronisation of lambing, 261
Novidium, 761 (C)
NUNN, W. R., *et al.*: Bacterial agglutinins in the bovine uterus following post-partum infection, 380 (C)
NUNNS, V. J. *See* THOMAS, R. J., 70
NURSE, R. G. *See* WELLS, B. T., 421

O

OAKLEY, G. A. *See* LEWIS, C. J., 616
Oesophagitis, papillomatous, 355
O'LOUGHLIN, J. *See* WHITE, D. S., 248
O'NEILL, P. A.: Observations on a haemorrhagic bowel syndrome involving pigs on three associated premises, 742
Orbenin, 3
Orbenin L.A., 300
O'REILLY, K. J. *See* HOVELL, G. J. R., 184
"Orf", 766
Organophosphorus insecticides, 248 (C)
O'RIORDAN, M. C.: X-ray hazards in practices, 640
Ornithosis, 636 (C)
— in man, 702 (C)
OSBORNE, A. D. *See* GIBBS, E. P. J., 602
OSMAN, M. A. R.: A study of some sequelae of amputation of the digit using three operative techniques, 610
Ovario-hysterectomy, 646, 762 (C)
— — in the bitch, 693, 728 (C)
Oviduct, development, 504
Ovulation, nocturnal, 302

P

Paediatric study group, 248 (C)
Paramphistomiasis, 668 (C)
Paraplegia, canine, 191 (A)
Parasites, effects of control, 675
PARFITT, J. W., *and* BANKS, A. W.: A method for counting fasciola eggs in cattle faeces in the field, 180
PARKER, R. M. *See* BROCKIS, D., 638
Parliament, 86, 114, 142, 593, 633, 664, 696, 722, 757, 784, 809
Partnerships, 315, 317
Parturient paresis, 575
Past, warnings from 273 (C)
Pasteurella multocida, 135
PATTERSON, D. S. P., *et al.*: Changes in Lactate Dehydrogenase (LDH) isoenzymes associated with retinal degeneration of ewes affected with Bright Blindness, 760 (C)
— *See* ALLEN, W. M., 64, 411
PAY, M. G.: The effect of disease on a large pig fattening enterprise 647, 652
— Whey feeding and disease in pigs, 812 (C)
PAYNE, J. M.: A comparison of metabolic profiles of dairy herds 205 (A)
— *et al.*: The use of a metabolic profile test in dairy herds, 150
PAYNE, L. N., *and* RENNIE, M.: Presence of natural haemagglutinins to sheep erythrocytes in sera from chickens free from Marek's disease, 109 (C)
— *See* BIGGS, P. M., 704
PEARSON, H.: Ovario-hysterectomy in the bitch, 646
Peers on bulls, 664 (P)
PEHRSON, B. *See* JONSSON, G., 575
Pen names, 668 (C)
PEPPER, R. T.: Brucellosis eradication, 31 (C)
— *See* PHILCOX, R. A., 422
Peritonitis, feline infectious, 224 (C), 206 (C)
PERSONAL:
Appointments, Ablett, R. E., 556; Arnold, R. M., 142; Austin, A. R., 246; Baxendale, W., 447; Beattie, G. S., 447; Beaumont, R. A. A., 696; Beynon, A. G., 89; Blamire, R. V., 594; Birkett, J. D., 447; Box, P. G., 246; Brown, A. C. L., 26, 89; Cartwright, J. M. 696; Clabby, J., 447; Cormack, J. G., 89; Drummond, D. J., 447; Evans, A. D. G., 89, 696 ;Evans, J. M., 246; Hall, R. W., 447; Hepburn, J. F., 447; Hickman, J., 271; Hill, F. J., 447, 594; Insch, G. C., 88; Johnson, R. H., 447; Kaplan, M., 115; Littlewood, J. B., 447; Loosmore, R. M., 594, 696; MacVicar, M. J., 88; Mawdesley-Thomas, L. E., 29; Monaghan, D. H., 696; Morris, H. T., 88; Newman, A. J., 86; Norman, J. A., 115; Oakley, G. A., 115; Panitz, G. G., 447; Purchase, I. F. H., 271; Richmond, S. M., 696; Slaughter, R. E., 665; Smith, J., 696; Taylor, K. C., 447; Warnock, J. A., 88; Watson, J., 696; Wight, G., 696; Wright, W. B., 696; Young, G. D., 142
Births, 29, 57, 86, 115, 142, 170, 219, 246, 271, 329, 364, 392, 447, 479, 556, 594, 665, 693, 723, 784
Engagements, 115, 170, 364, 513, 784
Marriages, 57, 86, 219, 246, 448, 479, 556, 594
General:
Berwyn-Jones, M. D. (Visit), 633
Bruford, J. W. (Dinner), 632
Dawes, H. W. (Hon. R.A.S.E.), 56
Coates, M. (promotion), 142
Francis, J. (visit), 479
Gibbons, R. A. (promotion), 143
Joyner, L. P. (promotion), 142
Lucas, J. M. S. (Degree), 693
Lyon, B. E. (resignation), 447
Mitchell, J. R. (retirement), 89
Mundy, A. E. (retirement), 245
Reid, J. (retirement), 88, 168
Uvarov, O. (retirement), 168, 219
Obituary:
R.C.V.S.
Bennetts, H. W., 393, 445, 513; Chadwick, C. R., 723, 757; Cosgrove, J. S. M., 393, 557; Cummine, J. M., 328, 363; Datta, S., 479; Froggatt, A. E. D., 417; Geddes, J., 364; Horton, F. F., 557; McLaren, J. J., 328, 392; O'Sullivan, K., 785, 809; Peatt, J. N., 57; Quinlan, J. B., 479, 631; Roberts, A. E., 271, 329; Rouse, A., 417; Smyth, R. S., 28; Spiers, A. W., 145; Stewart, Q. A., 328; Thompson, J., 723; Walsh, W. P., 696
R.C.V.S. Honorary Associate:
Lagerlof, N., 665, 723, 755
S.V.R.
Watson, E. J., 417
General
Henderson, C. L., 810; Speed, M., 417; Webb, E. B., 447
PETTE, F. D.: "If only they could talk", 275 (C)
Phenergan, 744
PHILCOX, R. A., *and* PEPPER, R. T.: Brucellosis eradication, 422 (C)
PICKERING, J. P.: Brucellosis eradication: a matter of national importance, 331 (C)
— Problems facing large-animal practices, 519 (C)
— Use of lay personnel for blood collection, 598 (C)

— The use of S.19 in adult cattle, 118 (C), 148 (C)
Picornavirus, 794
Pig conceptus transfer, 226
— fattening unit, effect of disease, 647, 652
— health scheme, 193 (A), 194 (A)
— housing, recent trends, 714
— husbandry, rôle of veterinary surgeon, 310
— newborn, 210 (A)
Pigs go comprehensive, 88
PINSENT, P. J. N., *and* LANE, J. G.: A case of possible 2.4.D and 2.4.5.-T poisoning in the horse, 247 (C)
Piriton, 744
PITFIELD, N. *See* WHITE, G., 790
Plaice, lipidosis in, 402
Plasma enzyme, 396
— levels of muscle enzymes, 410 (C)
PLATONOW, N. S., *and* FUNNELL, H. S.: The accumulation of mercury in chickens following the prolonged administration of low levels of an inorganic mercurial, 786 (C)
Please—no wenuses, 119 (C)
PLENDERLEITH, R. W. J.: *Salmonella indiana* infection in a single suckling beef herd, 617
— Some observations on brucellosis in a Jersey herd, 1965-1969, 404
Pleuropneumonia, contagious bovine, 506 (C), 670 (C)
PLUMB, C. H.: Agriculture, has it any future?, 487
Poisoning, 2.4.D and 2.4.5.-T, 247 (C)
POLGE, C., *et al.*: Fertilizing capacity of frozen boar semen following surgical insemination, 424
Pollution, 32 (C)
— environmental, 196 (A)
Postal increases, 255
Poultry codes, 697 (P)
— inspection, 800
POVEY, R. C. *See* HOVELL, G. J. R., 184
POWELL, D. G. *See* BIGGS, P. M., 704
POYNTER, D. *See* ARTHUR, G. H., 248
PRATT, V.: Tattooing of dogs, 732 (C)
Precocin, 645
Pregnyl, 425
PRESCOTT, J. H. D.: Veterinary and allied aspects of meat production. 2. Husbandry practices and their relationship to meat production and carcase quality, 192 (A)
Preventive medicine, 90 (C), 205 (A)
PRICE, C. J. *See* BAKER, I. D., 728
PRICE, T.: Brucellosis eradication, 30 (C)
Procaine Hydrochloride, 302
Progen, 653
PROLE, J. H. B.: Export of meat, 699 (C)
— Horse training methods and scientific appraisal, 299 (C)
PRYDIE, J. *See* WILKINSON, G. T., 766
PRYOR, J. E. *See* GOODWIN, R. F. W., 727
Pseudomonas infections, 520 (C)
Psittacosis, 555, 636 (C)
Puerperal psychosis, 616
PUGH, D. M.: Veterinary Products Committee, 728 (C)

Q

Quellada shampoo, 455

R

Rabies, 144 (P), 269
— wildlife, 333
Racecourse medical officer, 284
Racehorse injuries, 637 (C)
Radio telephones, 700 (C)
Rafoxanide, 110, 213 (C)
RANDALL, G. C. B. *See* WRATHALL, A. E., 226
RASMUSSEN, F.: Renal and mammary excretion of trimethoprim in goats, 14
Rats and mice, 145 (P)
READ, J. L.: Problems of sheep improvement, 212 (A)
Redwater outbreak, 729 (C)
REED, H. C. B.: Incidence of breeding abnormalities in a random selection of Large White gilts purchased for experimental purposes, 778
REEVES, D. *See* TIMONEY, J., 158
REHM, W. F., *and* WHITE, G.: A field trial with trimethoprim and sulfadoxine in bacterial diseases of cattle and pigs, 39
RENNIE, M. *See* PAYNE, L. N., 110
Reovirus, 681
REPORTS:
Animal Health Services in Great Britain, 1968, 168
British Empire Cancer Campaign for Research, 47th Annual Report, 1969, 586
Reproduction problems, 199 (A)
Respiratory syncytial virus, 762 (C)
— tract, upper, equine, 429
REVIEWS:
BALNER, H., *and* BEVERIDGE, W. I. B., *eds.*: Infections and immunosuppression in subhuman primates, 688
BRYANS, J. T., *and* GERGER, H., *eds.*: Equine infectious diseases, 2, 241
COOPER RESEARCH ORGANISATION: Cattle tick control, 517
GIBBONS, W. J., *et al.*: Bovine medicine and surgery, 242
HARTHOORN, A. M.: The flying syringe, 687
HERRIOT, J.: If only they could talk, 587
JENNINGS, A. R.: Animal pathology, 589
MEDWAY, W., *et al., eds.*: A textbook of veterinary clinical pathology, 687
MILLS, C. F., *ed.*: Trace elements metabolism in animals, 588
MYERS, J. A., *and* STEELE, J. H.: Bovine tuberculosis control in man and animals, 241
REYNOLDS, M., *and* FOLLEY, S. J.: Lactogenesis: the initiation of milk secretion at parturition, 587
ROOTS, C.: Wild Harvest, 516
ROSENBERGER, G., *ed.*: Krankheiten des Rindes, 242
RYDER, M. L.: Animal bones in archaeology: a book of notes and drawings for beginners, 588
SPEDDING, C. R. W.: Sheep production and grazing management, 2*nd ed.*, 589
Summerhays' Encyclopaedia for horsemen, 5th ed, 586
TAVERNOR, W. D., *ed.*: Nutrition and disease in experimental animals, 516
TAYLOR, J. A.: Regional and applied anatomy of the domestic animals Part 3. The pelvic limb, 588
REYNOLDS, M., *and* FOLLEY, S. J.: Lactogenesis: the initiation of milk secretion at parturition, 587 (R)
RICHARDSON, I. D.: Marine fish cultivation, progress and problems, 209 (A)
Riding Establishments Act, 1870, 51
RILEY, C. T.: Problems associated with the biological treatment of farmyard effluents, 203 (A)
ROBERTS, C.: Metabolic profiles, 699 (C)
ROBERTS, D. H.: Non-specific agglutination reactions with *mycoplasma gallisepticum* antigens, 125
— *and* GOIS, M.: A previously unreported serotype of porcine mycoplasma, 214 (C)
— *See* WILSON, C. D., 300
ROBERTS, M. C. *See* GIBBS, E. P. J., 91
ROBERTS, R. J.: Caviare Pâté Pleuronectes, 520 (C)
— Laboratory animal husbandry in the undergraduate veterinary curriculum, 670 (C)
— Lateral lipidosis in intensively-farmed plaice, 402
ROBERTS, R. S., *et al.*: *Clostridium oedematiens* in the livers of healthy sheep, 91 (C)
ROBERTS, T. A. *See* BLANDFORD, T. B., 258
ROBINS, D. H. *See* WELLS, B. T., 421
ROBINSON, R. *See* LANE, R., 203
Rodenticide, narcotic effects, 788 (C)
Rompun, 803
ROOTS, C.: Wild Harvest, 516 (R)
ROSENBERGER, G., *ed.*: Krankheiten des Rindes, 242 (R)
ROSENZUAIG, A., *and* MAYER, E.: A note on dry cow therapy in an Israeli dairy herd, 409 (C)
ROSS, D. B.: A comparison between the use of a vasectomised ram and hormone impregnated intravaginal sponges, 273 (C)
— Treatment of experimental *fasciola hepatica* infection of sheep with Rafoxanide, 110 (C)
ROSS, J. G.: The epidemiology of fascioliasis in Northern Ireland, 370
—, *and* MORPHY, M. J.: A combined investigation of the epidemiology of *fasciola hepatica* infections in lambs and the ecology of *lymnaea truncatula*, 278
— *et al.*: Preliminary investigations of the use of calcium cyanamide as a molluscicide to control fascioliasis in Northern Ireland, 373
ROSSDALE, P. D.: The adaptive process in the newborn foal, 37
— Problems associated with the adaptive processes of the newborn foal, 210 (A)
— *See* ARTHUR, G. H., 248
ROYAL COLLEGE OF VETERINARY SURGEONS:
— Council Election, 694

— News, 26, 56, 113, 121, 141, 245, 297, 328, 363, 417, 444, 478, 511, 593, 631, 662, 720, 754, 809
— Trust Fund, 163
Ruminants, newborn, 210 (A)
"Rural medicine", 366 (C)
RYDER, M. L.: Animal bones in archaeology: a book of notes and drawings for beginners, 588 (R)

S

S. dublin abortion, 775
S.19, 91 (C), 118 (C), 147 (C)
SABINE, M., *and* HYNE, R. H. J.: Isolation of a feline picornavirus from cheetahs with conjunctivitis and glossitis, 794
SAINSBURY, D. W. B.: Conversions and adaptations of farm buildings with particular reference to health, 672
— Recent trends in pig housing, 714
SALAMON, S. *See* POLGE, C., 424
Salmon, over-fishing, 145 (P)
Salmonella contamination, 158
— *dublin*, 583
— *indiana* infection, 617
Salmonellosis, 275 (C)
SANDERS, K. J.: Sudden death in a boar, 699 (C)
SANTOS, D. F. *See* BOX, P. G., 293
SAUNDERS, C. N.: National pig health control—present and future, 193 (A)
SAVAGE, T. J. *See* EVANS, J. M., 599
SAYCE, R.: Architecture of farm buildings, the housing of pigs, 196 (A)
SCARNELL, J. *See* WILKINSON, G. T., 766
SCHOTMAN, A. J. H. *See* MOUWEN, J. M. V. M., 173
Science teaching, 748
SCOTT, P.: Whey feeding and disease in pigs, 730 (C)
Seals, killing, 86 (P)
SEAWRIGHT, D., *and* LEITCH, I. D. C. M.: Removal of laryngeal tumour in a calf, 264
SELMAN, I. E., *et al.*: Immunoglobulin and the newborn calf, 204 (A)
Semen, bacterial content, 122
— frozen, 424
Serology: quo vadis, 146 (C)
Serratia marcescens, 282
SHANE, S. M., *and* FABER, G. L.: Necrotic enteritis in broilers, 597 (C)
SHAW, L. G.: Border disease of sheep, 38
Sheep breeding, Norwegian, 211 (A)
— dips, toxic residues, 764 (C) 812 (C)
— improvement, 212 (A)
— tick, 221 (C)
SHERIDAN, J. P. *See* ARTHUR, G. H., 248
SHINGLETON, D. J.: The agar gel diffusion test, 92 (C)
Shipping of livestock, 633 (P)
SIGNORET, J. P. *See* BUISSON, F. DU MESNIL DU, 562
SILVER, I. A. *See* ARTHUR, G. H., 248
SINCLAIR, D.: Toxic residues in sheep dips, 764 (C)
SINGLETON, W. B. *See* ARTHUR, G. H., 248
Skin conditions, treatment, 223 (C)
— disease of dogs and cats, parasitic, 452
— — parasitic, 452, 471
— infections, viral, 602
— pathology, 460
Slaughter, humane, 518 (C), 597 (C), 635 (C), 636 (C)
— of pigs in Eire, 637 (C)
Small animal practice in the '70's, 379
SMITH, G. J. E.: The pollution theme, 32 (C)
SMITH, K. M.: Fowl pest, 599 (C), 731 (C)
SMITH, T. J. A.: Abortion due to *C. pyogenes*?, 519 (C)
SMYTHE, R. H.: A congenital defect in toy poodles, 520 (C)
Society for the Study of Animal Breeding, 34
SOJKA, W. J. *See* GITTER, M., 775
Sparine, 302
SPEAKE, R. D.: A call for veterinary books, 450 (C)
SPEDDING, C. R. W.: Sheep production and grazing management *2nd ed.* 589 (R)
STALHEIM, O. H. V., *and* HEDDLESTON, K. L.: Isolation of *pasteurella multocida* from the urine of steeers, 135
STAMP, J. T.: Lay personnel and blood sampling, 57 (C), 485 (C)
— *See* ARTHUR, G. H., 248
Steatorrhoea in piglets, 172 (C)
STEELE, J. H. *See* MYERS, J. A., 241
STEELE-BODGER, A.: The economics of drugs in veterinary practice, 191 (A)
Steriflex, 307
STEVENS, A. J.: Consultation services available on problems of reproduction, 199 (A)
STEVENSON, J. P.: The problems of fish disease, 529
STEWART, M. *See* WRIGHT, N. G., 109
STEWART, W. D.: Egg-bound, 788 (C)
STIRLING, L. R.: The use of lay personnel for blood collection, 636 (C)
STOCKMAN, M. J. R.: The use of immobilon, 518 (C)
STOPFORTH, A.: Narcotic effects of rodenticide, 788 (C)
STRAITON, E. C.: "If only they could talk", 300 (C)
STRATTON, J.: Neuroleptanalgesis, 764 (C)
Streptococcus agalactiae, 300 (C)
Streptopen, 503
Stress syndrome, 410 (C)
— — in pigs, 64
STUART, P. *See* WRATHALL, A. E., 226
Sulfadoxine, 39
Sulphonamides, 43
Summary of Returns of Confirmed Outbreaks of Scheduled (Notifiable) Diseases, 57, 145, 272, 449, 557, 633, 698, 759
Summerhay's Encyclopaedia for horsemen, 5th ed., 586 (R)
Surgery, preparative, 207 (A)
Suscovax, 653
SUTHERLAND, J. E. *See* KILKENNY, J. B., 734
Swabs, cervical, instrument for 175 (C)
Swann Committee Report, 145 (P)
SWEASEY, D. *See* PATTERSON, D. S. P., 761
"Sweetich" in horses, 450 (C)
SWIFT, D. R.: Some aspects of fish farming in the British Isles, 522
Swine dysentery, agent possibly associated with, 59 (C)

T

"T.V. Vet": Brucellosis as an occupational disease, 486 (C)
TALBOT, R. B. *See* WITHERSPOON, D. M., 302
TANDY, J.: Pen names, 668 (C)
Tattooing and registering dogs, 560 (C), 638 (C), 732 (C)
TAVERNOR, W. D., *ed.*: Nutrition and disease in experimental animals, 516 (R)
— *See* ARTHUR, G. H., 248: MACKELLAR, J. C., 597
TAYLOR, D. C.: Management of exotic pets. 1. Nutrition, housing, transport, handling and exercise requirements of a small private collection of lower primates, 197 (A)
TAYLOR, D. J. *See* BLAKEMORE, W. F., 60
TAYLOR, J. A.: Regional and applied anatomy of the domestic animals. Part 3. The pelvic limb, 588 (R)
TAYLOR, S. M. *See* ROSS, J. G., 373
Teat, bovine, viral skin infections, 602
— sores, 2
Temadex, 454
Tendon injuries, 637 (C)
TERLECKI, S. *See* PATTERSON, D. S. P., 761
Terramycin, 306
— soluble, 655
Tetanus, 700 (C), 763 (C)
Thenium, 453
THOMAS, J. G.: A survey of ketosis in Lancashire and the West Riding of Yorkshire, 290
THOMAS, M. *See* CASTELINO, J. B., 256
THOMAS, R. J., *et al.*: The incidence of lungworm infection in sheep in North-East England, 70
THOMPSON, H. *See* WRIGHT, N. G., 109
TREES, A. J.: Death from a grass seed, 450 (C)
Trichomoniasis, 161
Trimethoprim, 14, 39, 43
— Sulphadiazine, 265 (C)
Tropical areas, opportunities, 201 (A)
Trout, malnutrition, 175 (C)
Trypanosoma vivax, 761 (C)
Tuberculosis, diagnosis, 206 (A)
Tumour, laryngeal, 264
TURNER, L. H.: Leptospirosis in man, 212 (A)
TURNER, T.: A useful product for treating skin conditions in small animals, 223 (C)
TUTT, J. B.: Carbon monoxide poisoning, 107
— Dilated anal sac in a whippet, 136
THORSEN, J. *See* DJURICKOVIC, S., 62
THRELFALL, W. R. *See* MARTIN, C. E., 768
THRELKELD, J. M. *See* HARBOURNE, J. F., 560

TIMON, V. M.: A basis for the genetic improvement of a fat lamb sire breed, 211 (A)
TIMONEY, J., *et al.*: A study of salmonella contamination in some Dublin poultry processing plants, 158
TOOVEY, J. A.: Intramuscular injections, 519 (C)
TOWNSON, J. R. *See* TOWNSON, R. S., 120
TOWNSON, R. S., *and* TOWNSON, J. R.: The training of R.A.N.A.'s, 120 (C)
Toxic residues in sheep dips, 764 (C), 812 (C)
TRAYNOR, D. K.: Management of exotic pets. 2. The importation of fish and practical problems associated with their keeping, 197 (A)
TREEBY, P.: Dursban—its efficiency against the sheep tick, 221 (C)

U

Unified Ministry Advisory Service, 217
UNIVERSITY NEWS, 28, 86, 87, 115, 142, 219, 329, 480, 513, 758, 809
Urinary tract abnormalities, diagnosis, 287
Urolithiasis, 667 (C)

V

Vaginal smears, 265 (C), 598 (C)
VANN, D. R.: Taking the risk out of partnership, 317
"Varidoser", 531
Vasectomised ram and hormone impregnated intravaginal sponges, 273 (C)
VAUGHAN, K. L.: Peri-articular infiltration with corticosteroids, 31 (C)
Venipuncture in the cat, 184
VENN, J. A. J.: Disease hazards associated with slurry disposal, 204 (A)
Veramix sheep sponges, 273
— Plus, 261
Vetafil, 302
Veterinary books, 450 (C)
— curriculum, 637 (C), 670 (C), 700 (C), 764 (C)
— education and the pig industry, 21
— — and practice, 6
— history, 192 (A)
— Investigation Service, 21, 137, 240, 389, 549, 686
— medical data programme, 600 (C)
— Products Committee, 728 (C)
— Surgeons and the E.E.C., 579
— technicians, course, 120 (C)
Victoria Veterinary Benevolent Fund, Ladies Guild, 626
— — Christmas Gift Fund, 699 (C)
Vitapet, 223
VONESCH, R. J. K. *See* WHITE, R. C., 731

W

WALKER, R. G., *and* DOUGLAS, S. W.: The use of contrast media in the diagnosis of urinary tract abnormalities in the dog, with particular reference to infusion urography: a report of two cases, 287
WALLACE, J. C. *See* HARBOURNE, J. F., 560
Walpole's buffer solution, 667 (C)
Warble control, 248 (C)
WARREN, A. L.: Please—no wenuses, 119 (C), 148 (C)
Warwick: the face of a university, 268
WATSON, J. H.: Hybridisation in sheep, 202 (A)
WATTS, A. E. *See* KYDD, A. M., 518
WATTS, C. *See* CAMPBELL, J. R., 127
WEAVER, A. D.: Surgical correction of abomasal displacement, 223 (C)
WEAVER, B. M. Q., *and* HALL, L. W.: The use of immobilon, 763 (C)
WEBSTER, W. R.: Use of lay personnel for blood collection, 559 (C)
WEIR, B. J., *and* HIME, J. M.: Collection of blood samples, 92 (C)
WELLER, J. B.: Architecture of farm buildings. The housing of beef and dairy cattle, 196 (A)
WELLS, B. T.: Arranging the pianist's music, 517 (C)
— *et al.*: Lay personnel for blood testing, 421 (C)
WELLS, G. A. H. *See* HEYWOOD, R., 178
WELLS, P. W., *and* EYRE, P.: Homocytotropic antibodies demonstrated by passive cutaneous anaphylaxis in calves, 173 (C)
WESTGARTH, D. R. *See* KINGWILL, R. G., 94
Whey feeding, 730 (C), 812 (C)
WHITE, D. C.: Certain aspects of fungal abortions, 201 (A)
WHITE, D. S., *et al.*: Use of organophosphorus insecticides in warble control, 248 (C)
WHITE, G., *et al.*: The complement fixation test as an indicator of Bedsonia respiratory infection in cattle, 790
— *See* REHM, W. F., 39
WHITE, J. B.: Drought in South Western Australia, 798
WHITE, R. C., *and* VONESCH, R. J. K.: Sudden death in cats, 731 (C)
WHITEHEAD, E. F. R.: Partnerships: some financial considerations, 315
WHITELEY, H.: The use of immobilon, 637 (C), 811 (C)
— *See* CROOKS, J. L., 498
WIJEWANTA, E. A., *and* FERNANDO, M.: Infection in goats owing to *Serratia marcescens*, 282
Wild beasts, dangerous, 632 (P)
— Birds (Importation) Order, 60 (C)
Wildlife conservation and the veterinary profession: B.S.A.-B.V.Z.S. Symposium, 438
WILFORD, D. G.: Invitation to campanologists, 224 (C)
WILKINSON, G. T.: Chronic papillomatous oesophagitis in a young cat, 355
— Feline infectious peritonitis, 206 (A)
— *et al.*: Possible "Orf" (Contagious pustular dermatitis, Contagious Ecthyma of sheep) infection in the dog, 766
— *See* CRIGHTON, G. W., 59
WILLIAMS, H. LL. L.: The reproductive efficiency of British breeds of sheep in an equatorial environment, 37
WILMUT, I. *See* POLGE, C., 424
WILSON, C. D., *et al.*: Isolation of L forms of *Streptococcus agalactiae*, 300 (C)
— *See* KINGWILL, R. G., 94
WINDSOR, R. S., *and* MASIGA, W. N.: Contagious bovine pleuropneumonia: artificial reproduction, 670 (C)
WISE, D. R., *et al.*: The role of *mycoplasma WRI* as a primary pathogen of poultry, 505 (C)
WITHERSPOON, D. M., *and* TALBOT, R. B.: Nocturnal ovulation in the animal, 302
WITHNELL, C. G. *See* WHITE, G., 790
WOOD, D. R.: Brucellosis eradication, 58 (C)
WOOD, F. N.: Health policy in a co-operative breeding scheme, 194 (A)
WOOD, J. C.: Parasitic skin diseases of large animals, 471
WOOD, J. G. P.: Large animal practice, 600 (C)
— X-ray hazards in practices, 730 (C)
WOOD, N. A.: Treatment of established infections of *Cardidasis* in partridges with formic acid, 656
WOODFORD, M. H., *and* COOPER, J. E.: Feline infectious peritonitis, 224 (C)
World Veterinary Association Congress, 19th, 512, 549
WORRALL, E. E. *See* ROBERTS, R. S., 91
Wounds, healing, 208 (A)
WRATHALL, A. E., *et al.*: Successful intercontinental pig conceptus transfer, 226
WRAY, C., *and* MATHIESON, A. O.: Glucose toxicity in calves, 797
WRIGHT, J. G.: Humane slaughter, 636 (C)
WRIGHT, N. G., *et al.*: Canine herpesvirus respiratory infection 108 (C)

X

Xylose absorption test, 250
X-ray hazards, 640, 702 (C), 730 (C)

Z

ZAKARIAN, B. *See* MIRZAYANS, A., 422
Zawb-o-Lyte, 797
Zoos, private, 632 (P)
Zoonoses from exotic animals, 195 (A)

Errata, 169, 631, 693, 757

Printed by H. R. GRUBB LTD., Imperial Way, Croydon, Surrey.